Mnist\_original:

Epoch [1/20], Loss: 0.1285

Epoch [2/20], Loss: 0.0308

Epoch [3/20], Loss: 0.0169

Epoch [4/20], Loss: 0.0091

Epoch [5/20], Loss: 0.0045

Epoch [6/20], Loss: 0.0029

Epoch [7/20], Loss: 0.0031

Epoch [8/20], Loss: 0.0049

Epoch [9/20], Loss: 0.0013

Epoch [10/20], Loss: 0.0007

Epoch [11/20], Loss: 0.0006

Epoch [12/20], Loss: 0.0002

Epoch [13/20], Loss: 0.0002

Epoch [14/20], Loss: 0.0001

Epoch [15/20], Loss: 0.0001

Epoch [16/20], Loss: 0.0001

Epoch [17/20], Loss: 0.0001

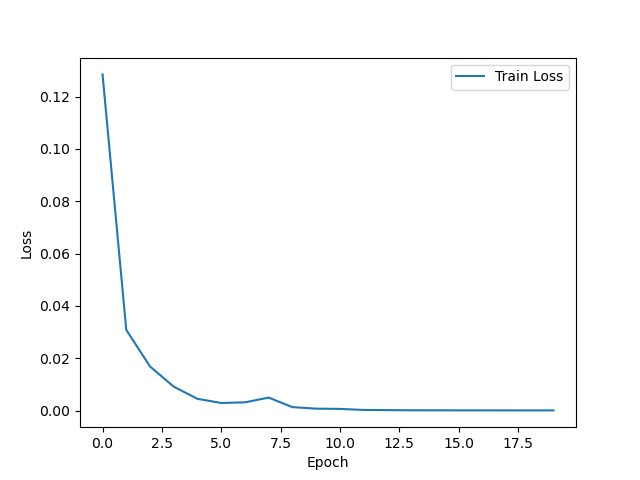
Epoch [18/20], Loss: 0.0001

Epoch [19/20], Loss: 0.0001

Epoch [20/20], Loss: 0.0001

Training finished!

Test Accuracy: 0.99



Mnist\_dis:

D:\Anaconda\envs\pytorch1.13\_py3.7\python.exe D:\gradu1\EE595\lab\ResNet\distributed\mnist\_Main.py

Epoch [1/20], Loss: 0.1199

Epoch [2/20], Loss: 0.0313

Epoch [3/20], Loss: 0.0215

Epoch [4/20], Loss: 0.0143

Epoch [5/20], Loss: 0.0093

Epoch [6/20], Loss: 0.0071

Epoch [7/20], Loss: 0.0051

Epoch [8/20], Loss: 0.0043

Epoch [9/20], Loss: 0.0024

Epoch [10/20], Loss: 0.0025

Epoch [11/20], Loss: 0.0006

Epoch [12/20], Loss: 0.0008

Epoch [13/20], Loss: 0.0010

Epoch [14/20], Loss: 0.0010

Epoch [15/20], Loss: 0.0003

Epoch [16/20], Loss: 0.0002

Epoch [17/20], Loss: 0.0001

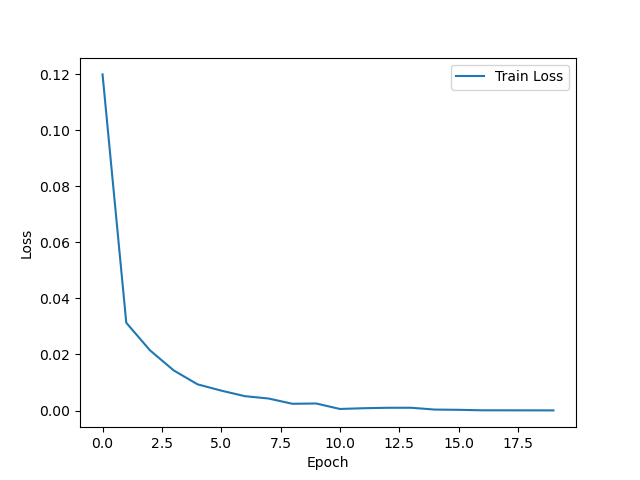
Epoch [18/20], Loss: 0.0001

Epoch [19/20], Loss: 0.0001

Epoch [20/20], Loss: 0.0000

Training finished!

Test Accuracy: 1.00



Cifar100 dist

D:\Anaconda\envs\pytorch1.13\_py3.7\python.exe D:\gradu1\EE595\lab\ResNet\distributed\cifar100\_Main.py

Downloading https://www.cs.toronto.edu/~kriz/cifar-100-python.tar.gz to ./data\cifar-100-python.tar.gz

100.0%

Extracting ./data\cifar-100-python.tar.gz to ./data

Epoch [1/200], Loss: 3.8323

Epoch [2/200], Loss: 3.1945

Epoch [3/200], Loss: 2.8304

Epoch [4/200], Loss: 2.5594

Epoch [5/200], Loss: 2.3454

Epoch [6/200], Loss: 2.1684

Epoch [7/200], Loss: 2.0171

Epoch [8/200], Loss: 1.8979

Epoch [9/200], Loss: 1.7858

Epoch [10/200], Loss: 1.6984

Epoch [11/200], Loss: 1.6001

Epoch [12/200], Loss: 1.5283

Epoch [13/200], Loss: 1.4576

Epoch [14/200], Loss: 1.3884

Epoch [15/200], Loss: 1.3288

Epoch [16/200], Loss: 1.2549

Epoch [17/200], Loss: 1.2143

Epoch [18/200], Loss: 1.1644

Epoch [19/200], Loss: 1.1025

Epoch [20/200], Loss: 1.0592

Epoch [21/200], Loss: 1.0060

Epoch [22/200], Loss: 0.9715

Epoch [23/200], Loss: 0.9288

Epoch [24/200], Loss: 0.8790

Epoch [25/200], Loss: 0.8469

Epoch [26/200], Loss: 0.8136

Epoch [27/200], Loss: 0.7838

Epoch [28/200], Loss: 0.7434

Epoch [29/200], Loss: 0.7069

Epoch [30/200], Loss: 0.6620

Epoch [31/200], Loss: 0.6440

Epoch [32/200], Loss: 0.6103

Epoch [33/200], Loss: 0.5807

Epoch [34/200], Loss: 0.5506

Epoch [35/200], Loss: 0.5173

Epoch [36/200], Loss: 0.5000

Epoch [37/200], Loss: 0.4754

Epoch [38/200], Loss: 0.4474

Epoch [39/200], Loss: 0.4377

Epoch [40/200], Loss: 0.4187

Epoch [41/200], Loss: 0.4049

Epoch [42/200], Loss: 0.3787

Epoch [43/200], Loss: 0.3663

Epoch [44/200], Loss: 0.3473

Epoch [45/200], Loss: 0.3254

Epoch [46/200], Loss: 0.3173

Epoch [47/200], Loss: 0.3007

Epoch [48/200], Loss: 0.2899

Epoch [49/200], Loss: 0.2743

Epoch [50/200], Loss: 0.2597

Epoch [51/200], Loss: 0.2617

Epoch [52/200], Loss: 0.2400

Epoch [53/200], Loss: 0.2387

Epoch [54/200], Loss: 0.2268

Epoch [55/200], Loss: 0.2146

Epoch [56/200], Loss: 0.2107

Epoch [57/200], Loss: 0.1965

Epoch [58/200], Loss: 0.2013

Epoch [59/200], Loss: 0.1922

Epoch [60/200], Loss: 0.1825

Epoch [61/200], Loss: 0.1818

Epoch [62/200], Loss: 0.1597

Epoch [63/200], Loss: 0.1680

Epoch [64/200], Loss: 0.1606

Epoch [65/200], Loss: 0.1569

Epoch [66/200], Loss: 0.1535

Epoch [67/200], Loss: 0.1448

Epoch [68/200], Loss: 0.1444

Epoch [69/200], Loss: 0.1384

Epoch [70/200], Loss: 0.1399

Epoch [71/200], Loss: 0.1308

Epoch [72/200], Loss: 0.1378

Epoch [73/200], Loss: 0.1269

Epoch [74/200], Loss: 0.1189

Epoch [75/200], Loss: 0.1157

Epoch [76/200], Loss: 0.1188

Epoch [77/200], Loss: 0.1126

Epoch [78/200], Loss: 0.1106

Epoch [79/200], Loss: 0.1084

Epoch [80/200], Loss: 0.1065

Epoch [81/200], Loss: 0.1036

Epoch [82/200], Loss: 0.0999

Epoch [83/200], Loss: 0.1049

Epoch [84/200], Loss: 0.0953

Epoch [85/200], Loss: 0.0918

Epoch [86/200], Loss: 0.0877

Epoch [87/200], Loss: 0.0902

Epoch [88/200], Loss: 0.0920

Epoch [89/200], Loss: 0.0828

Epoch [90/200], Loss: 0.0846

Epoch [91/200], Loss: 0.0864

Epoch [92/200], Loss: 0.0800

Epoch [93/200], Loss: 0.0765

Epoch [94/200], Loss: 0.0797

Epoch [95/200], Loss: 0.0720

Epoch [96/200], Loss: 0.0772

Epoch [97/200], Loss: 0.0770

Epoch [98/200], Loss: 0.0732

Epoch [99/200], Loss: 0.0712

Epoch [100/200], Loss: 0.0650

Epoch [101/200], Loss: 0.0686

Epoch [102/200], Loss: 0.0657

Epoch [103/200], Loss: 0.0625

Epoch [104/200], Loss: 0.0616

Epoch [105/200], Loss: 0.0572

Epoch [106/200], Loss: 0.0582

Epoch [107/200], Loss: 0.0605

Epoch [108/200], Loss: 0.0642

Epoch [109/200], Loss: 0.0599

Epoch [110/200], Loss: 0.0593

Epoch [111/200], Loss: 0.0574

Epoch [112/200], Loss: 0.0592

Epoch [113/200], Loss: 0.0560

Epoch [114/200], Loss: 0.0603

Epoch [115/200], Loss: 0.0587

Epoch [116/200], Loss: 0.0463

Epoch [117/200], Loss: 0.0471

Epoch [118/200], Loss: 0.0501

Epoch [119/200], Loss: 0.0474

Epoch [120/200], Loss: 0.0496

Epoch [121/200], Loss: 0.0476

Epoch [122/200], Loss: 0.0450

Epoch [123/200], Loss: 0.0495

Epoch [124/200], Loss: 0.0502

Epoch [125/200], Loss: 0.0524

Epoch [126/200], Loss: 0.0491

Epoch [127/200], Loss: 0.0476

Epoch [128/200], Loss: 0.0435

Epoch [129/200], Loss: 0.0429

Epoch [130/200], Loss: 0.0407

Epoch [131/200], Loss: 0.0443

Epoch [132/200], Loss: 0.0395

Epoch [133/200], Loss: 0.0389

Epoch [134/200], Loss: 0.0380

Epoch [135/200], Loss: 0.0411

Epoch [136/200], Loss: 0.0407

Epoch [137/200], Loss: 0.0418

Epoch [138/200], Loss: 0.0467

Epoch [139/200], Loss: 0.0366

Epoch [140/200], Loss: 0.0370

Epoch [141/200], Loss: 0.0366

Epoch [142/200], Loss: 0.0373

Epoch [143/200], Loss: 0.0384

Epoch [144/200], Loss: 0.0356

Epoch [145/200], Loss: 0.0325

Epoch [146/200], Loss: 0.0323

Epoch [147/200], Loss: 0.0351

Epoch [148/200], Loss: 0.0366

Epoch [149/200], Loss: 0.0349

Epoch [150/200], Loss: 0.0342

Epoch [151/200], Loss: 0.0338

Epoch [152/200], Loss: 0.0336

Epoch [153/200], Loss: 0.0334

Epoch [154/200], Loss: 0.0308

Epoch [155/200], Loss: 0.0307

Epoch [156/200], Loss: 0.0304

Epoch [157/200], Loss: 0.0298

Epoch [158/200], Loss: 0.0293

Epoch [159/200], Loss: 0.0311

Epoch [160/200], Loss: 0.0306

Epoch [161/200], Loss: 0.0310

Epoch [162/200], Loss: 0.0302

Epoch [163/200], Loss: 0.0267

Epoch [164/200], Loss: 0.0247

Epoch [165/200], Loss: 0.0274

Epoch [166/200], Loss: 0.0267

Epoch [167/200], Loss: 0.0275

Epoch [168/200], Loss: 0.0300

Epoch [169/200], Loss: 0.0253

Epoch [170/200], Loss: 0.0284

Epoch [171/200], Loss: 0.0283

Epoch [172/200], Loss: 0.0294

Epoch [173/200], Loss: 0.0263

Epoch [174/200], Loss: 0.0274

Epoch [175/200], Loss: 0.0240

Epoch [176/200], Loss: 0.0245

Epoch [177/200], Loss: 0.0227

Epoch [178/200], Loss: 0.0246

Epoch [179/200], Loss: 0.0243

Epoch [180/200], Loss: 0.0257

Epoch [181/200], Loss: 0.0284

Epoch [182/200], Loss: 0.0260

Epoch [183/200], Loss: 0.0221

Epoch [184/200], Loss: 0.0221

Epoch [185/200], Loss: 0.0220

Epoch [186/200], Loss: 0.0254

Epoch [187/200], Loss: 0.0227

Epoch [188/200], Loss: 0.0207

Epoch [189/200], Loss: 0.0229

Epoch [190/200], Loss: 0.0210

Epoch [191/200], Loss: 0.0194

Epoch [192/200], Loss: 0.0192

Epoch [193/200], Loss: 0.0215

Epoch [194/200], Loss: 0.0227

Epoch [195/200], Loss: 0.0211

Epoch [196/200], Loss: 0.0187

Epoch [197/200], Loss: 0.0202

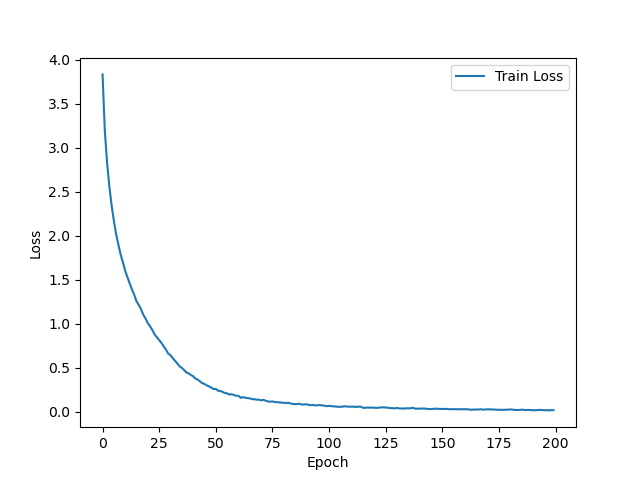
Epoch [198/200], Loss: 0.0171

Epoch [199/200], Loss: 0.0208

Epoch [200/200], Loss: 0.0198

Training finished!

Test Accuracy: 0.66



Cifar100 original:

D:\Anaconda\envs\pytorch1.13\_py3.7\python.exe D:\gradu1\EE595\lab\ResNet\original\cifar100\_Main.py

Downloading https://www.cs.toronto.edu/~kriz/cifar-100-python.tar.gz to ./data\cifar-100-python.tar.gz

100.0%

Extracting ./data\cifar-100-python.tar.gz to ./data

Epoch [1/200], Loss: 3.8044

Epoch [2/200], Loss: 3.1899

Epoch [3/200], Loss: 2.8389

Epoch [4/200], Loss: 2.5654

Epoch [5/200], Loss: 2.3561

Epoch [6/200], Loss: 2.1806

Epoch [7/200], Loss: 2.0290

Epoch [8/200], Loss: 1.9020

Epoch [9/200], Loss: 1.7928

Epoch [10/200], Loss: 1.6947

Epoch [11/200], Loss: 1.6071

Epoch [12/200], Loss: 1.5244

Epoch [13/200], Loss: 1.4340

Epoch [14/200], Loss: 1.3646

Epoch [15/200], Loss: 1.2969

Epoch [16/200], Loss: 1.2171

Epoch [17/200], Loss: 1.1600

Epoch [18/200], Loss: 1.0935

Epoch [19/200], Loss: 1.0429

Epoch [20/200], Loss: 0.9872

Epoch [21/200], Loss: 0.9314

Epoch [22/200], Loss: 0.8704

Epoch [23/200], Loss: 0.8244

Epoch [24/200], Loss: 0.7656

Epoch [25/200], Loss: 0.7203

Epoch [26/200], Loss: 0.6695

Epoch [27/200], Loss: 0.6256

Epoch [28/200], Loss: 0.5838

Epoch [29/200], Loss: 0.5380

Epoch [30/200], Loss: 0.4965

Epoch [31/200], Loss: 0.4616

Epoch [32/200], Loss: 0.4330

Epoch [33/200], Loss: 0.4014

Epoch [34/200], Loss: 0.3702

Epoch [35/200], Loss: 0.3362

Epoch [36/200], Loss: 0.3152

Epoch [37/200], Loss: 0.2935

Epoch [38/200], Loss: 0.2696

Epoch [39/200], Loss: 0.2532

Epoch [40/200], Loss: 0.2375

Epoch [41/200], Loss: 0.2186

Epoch [42/200], Loss: 0.2055

Epoch [43/200], Loss: 0.1948

Epoch [44/200], Loss: 0.1732

Epoch [45/200], Loss: 0.1711

Epoch [46/200], Loss: 0.1542

Epoch [47/200], Loss: 0.1479

Epoch [48/200], Loss: 0.1396

Epoch [49/200], Loss: 0.1267

Epoch [50/200], Loss: 0.1227

Epoch [51/200], Loss: 0.1133

Epoch [52/200], Loss: 0.1073

Epoch [53/200], Loss: 0.1065

Epoch [54/200], Loss: 0.0970

Epoch [55/200], Loss: 0.0859

Epoch [56/200], Loss: 0.0794

Epoch [57/200], Loss: 0.0865

Epoch [58/200], Loss: 0.0772

Epoch [59/200], Loss: 0.0760

Epoch [60/200], Loss: 0.0855

Epoch [61/200], Loss: 0.0687

Epoch [62/200], Loss: 0.0617

Epoch [63/200], Loss: 0.0634

Epoch [64/200], Loss: 0.0629

Epoch [65/200], Loss: 0.0573

Epoch [66/200], Loss: 0.0536

Epoch [67/200], Loss: 0.0578

Epoch [68/200], Loss: 0.0549

Epoch [69/200], Loss: 0.0468

Epoch [70/200], Loss: 0.0463

Epoch [71/200], Loss: 0.0445

Epoch [72/200], Loss: 0.0430

Epoch [73/200], Loss: 0.0440

Epoch [74/200], Loss: 0.0378

Epoch [75/200], Loss: 0.0378

Epoch [76/200], Loss: 0.0357

Epoch [77/200], Loss: 0.0377

Epoch [78/200], Loss: 0.0417

Epoch [79/200], Loss: 0.0356

Epoch [80/200], Loss: 0.0388

Epoch [81/200], Loss: 0.0371

Epoch [82/200], Loss: 0.0380

Epoch [83/200], Loss: 0.0315

Epoch [84/200], Loss: 0.0306

Epoch [85/200], Loss: 0.0299

Epoch [86/200], Loss: 0.0357

Epoch [87/200], Loss: 0.0307

Epoch [88/200], Loss: 0.0241

Epoch [89/200], Loss: 0.0213

Epoch [90/200], Loss: 0.0227

Epoch [91/200], Loss: 0.0236

Epoch [92/200], Loss: 0.0224

Epoch [93/200], Loss: 0.0254

Epoch [94/200], Loss: 0.0271

Epoch [95/200], Loss: 0.0268

Epoch [96/200], Loss: 0.0197

Epoch [97/200], Loss: 0.0211

Epoch [98/200], Loss: 0.0191

Epoch [99/200], Loss: 0.0161

Epoch [100/200], Loss: 0.0158

Epoch [101/200], Loss: 0.0163

Epoch [102/200], Loss: 0.0191

Epoch [103/200], Loss: 0.0166

Epoch [104/200], Loss: 0.0168

Epoch [105/200], Loss: 0.0183

Epoch [106/200], Loss: 0.0224

Epoch [107/200], Loss: 0.0202

Epoch [108/200], Loss: 0.0240

Epoch [109/200], Loss: 0.0152

Epoch [110/200], Loss: 0.0180

Epoch [111/200], Loss: 0.0174

Epoch [112/200], Loss: 0.0130

Epoch [113/200], Loss: 0.0148

Epoch [114/200], Loss: 0.0171

Epoch [115/200], Loss: 0.0135

Epoch [116/200], Loss: 0.0151

Epoch [117/200], Loss: 0.0122

Epoch [118/200], Loss: 0.0168

Epoch [119/200], Loss: 0.0183

Epoch [120/200], Loss: 0.0151

Epoch [121/200], Loss: 0.0151

Epoch [122/200], Loss: 0.0118

Epoch [123/200], Loss: 0.0121

Epoch [124/200], Loss: 0.0115

Epoch [125/200], Loss: 0.0130

Epoch [126/200], Loss: 0.0105

Epoch [127/200], Loss: 0.0132

Epoch [128/200], Loss: 0.0113

Epoch [129/200], Loss: 0.0141

Epoch [130/200], Loss: 0.0136

Epoch [131/200], Loss: 0.0122

Epoch [132/200], Loss: 0.0125

Epoch [133/200], Loss: 0.0103

Epoch [134/200], Loss: 0.0137

Epoch [135/200], Loss: 0.0132

Epoch [136/200], Loss: 0.0126

Epoch [137/200], Loss: 0.0131

Epoch [138/200], Loss: 0.0121

Epoch [139/200], Loss: 0.0136

Epoch [140/200], Loss: 0.0110

Epoch [141/200], Loss: 0.0155

Epoch [142/200], Loss: 0.0109

Epoch [143/200], Loss: 0.0124

Epoch [144/200], Loss: 0.0104

Epoch [145/200], Loss: 0.0091

Epoch [146/200], Loss: 0.0071

Epoch [147/200], Loss: 0.0076

Epoch [148/200], Loss: 0.0092

Epoch [149/200], Loss: 0.0053

Epoch [150/200], Loss: 0.0079

Epoch [151/200], Loss: 0.0062

Epoch [152/200], Loss: 0.0063

Epoch [153/200], Loss: 0.0075

Epoch [154/200], Loss: 0.0073

Epoch [155/200], Loss: 0.0063

Epoch [156/200], Loss: 0.0099

Epoch [157/200], Loss: 0.0092

Epoch [158/200], Loss: 0.0081

Epoch [159/200], Loss: 0.0082

Epoch [160/200], Loss: 0.0099

Epoch [161/200], Loss: 0.0066

Epoch [162/200], Loss: 0.0072

Epoch [163/200], Loss: 0.0078

Epoch [164/200], Loss: 0.0076

Epoch [165/200], Loss: 0.0077

Epoch [166/200], Loss: 0.0057

Epoch [167/200], Loss: 0.0060

Epoch [168/200], Loss: 0.0064

Epoch [169/200], Loss: 0.0057

Epoch [170/200], Loss: 0.0050

Epoch [171/200], Loss: 0.0050

Epoch [172/200], Loss: 0.0052

Epoch [173/200], Loss: 0.0055

Epoch [174/200], Loss: 0.0065

Epoch [175/200], Loss: 0.0074

Epoch [176/200], Loss: 0.0072

Epoch [177/200], Loss: 0.0080

Epoch [178/200], Loss: 0.0066

Epoch [179/200], Loss: 0.0055

Epoch [180/200], Loss: 0.0049

Epoch [181/200], Loss: 0.0052

Epoch [182/200], Loss: 0.0049

Epoch [183/200], Loss: 0.0061

Epoch [184/200], Loss: 0.0069

Epoch [185/200], Loss: 0.0052

Epoch [186/200], Loss: 0.0054

Epoch [187/200], Loss: 0.0051

Epoch [188/200], Loss: 0.0052

Epoch [189/200], Loss: 0.0051

Epoch [190/200], Loss: 0.0069

Epoch [191/200], Loss: 0.0060

Epoch [192/200], Loss: 0.0079

Epoch [193/200], Loss: 0.0069

Epoch [194/200], Loss: 0.0068

Epoch [195/200], Loss: 0.0059

Epoch [196/200], Loss: 0.0049

Epoch [197/200], Loss: 0.0047

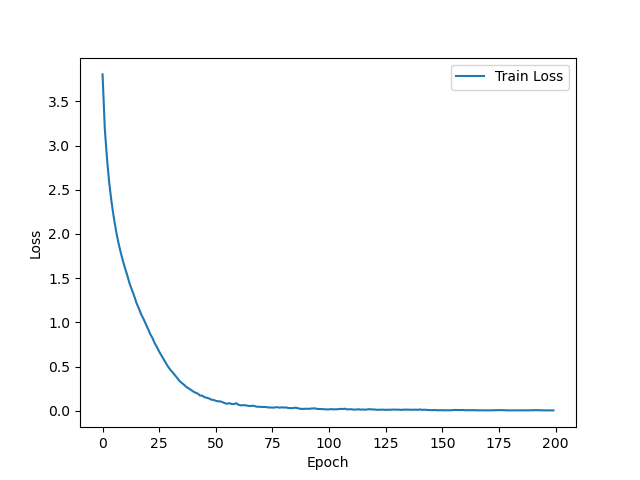
Epoch [198/200], Loss: 0.0052

Epoch [199/200], Loss: 0.0048

Epoch [200/200], Loss: 0.0049

Training finished!

Test Accuracy: 0.62



Cifar10\_original:

Epoch [1/150], Loss: 1.5357

Epoch [2/150], Loss: 1.1317

Epoch [3/150], Loss: 0.9275

Epoch [4/150], Loss: 0.8073

Epoch [5/150], Loss: 0.7192

Epoch [6/150], Loss: 0.6505

Epoch [7/150], Loss: 0.6023

Epoch [8/150], Loss: 0.5612

Epoch [9/150], Loss: 0.5259

Epoch [10/150], Loss: 0.4951

Epoch [11/150], Loss: 0.4726

Epoch [12/150], Loss: 0.4437

Epoch [13/150], Loss: 0.4182

Epoch [14/150], Loss: 0.4026

Epoch [15/150], Loss: 0.3843

Epoch [16/150], Loss: 0.3626

Epoch [17/150], Loss: 0.3526

Epoch [18/150], Loss: 0.3351

Epoch [19/150], Loss: 0.3182

Epoch [20/150], Loss: 0.3115

Epoch [21/150], Loss: 0.3016

Epoch [22/150], Loss: 0.2847

Epoch [23/150], Loss: 0.2763

Epoch [24/150], Loss: 0.2639

Epoch [25/150], Loss: 0.2524

Epoch [26/150], Loss: 0.2467

Epoch [27/150], Loss: 0.2361

Epoch [28/150], Loss: 0.2273

Epoch [29/150], Loss: 0.2192

Epoch [30/150], Loss: 0.2085

Epoch [31/150], Loss: 0.2061

Epoch [32/150], Loss: 0.1973

Epoch [33/150], Loss: 0.1866

Epoch [34/150], Loss: 0.1853

Epoch [35/150], Loss: 0.1757

Epoch [36/150], Loss: 0.1757

Epoch [37/150], Loss: 0.1656

Epoch [38/150], Loss: 0.1624

Epoch [39/150], Loss: 0.1528

Epoch [40/150], Loss: 0.1504

Epoch [41/150], Loss: 0.1446

Epoch [42/150], Loss: 0.1408

Epoch [43/150], Loss: 0.1344

Epoch [44/150], Loss: 0.1354

Epoch [45/150], Loss: 0.1280

Epoch [46/150], Loss: 0.1221

Epoch [47/150], Loss: 0.1222

Epoch [48/150], Loss: 0.1156

Epoch [49/150], Loss: 0.1131

Epoch [50/150], Loss: 0.1090

Epoch [51/150], Loss: 0.1051

Epoch [52/150], Loss: 0.0995

Epoch [53/150], Loss: 0.1005

Epoch [54/150], Loss: 0.0946

Epoch [55/150], Loss: 0.0956

Epoch [56/150], Loss: 0.0894

Epoch [57/150], Loss: 0.0887

Epoch [58/150], Loss: 0.0839

Epoch [59/150], Loss: 0.0867

Epoch [60/150], Loss: 0.0816

Epoch [61/150], Loss: 0.0775

Epoch [62/150], Loss: 0.0805

Epoch [63/150], Loss: 0.0758

Epoch [64/150], Loss: 0.0742

Epoch [65/150], Loss: 0.0710

Epoch [66/150], Loss: 0.0734

Epoch [67/150], Loss: 0.0677

Epoch [68/150], Loss: 0.0648

Epoch [69/150], Loss: 0.0649

Epoch [70/150], Loss: 0.0628

Epoch [71/150], Loss: 0.0600

Epoch [72/150], Loss: 0.0595

Epoch [73/150], Loss: 0.0624

Epoch [74/150], Loss: 0.0537

Epoch [75/150], Loss: 0.0569

Epoch [76/150], Loss: 0.0562

Epoch [77/150], Loss: 0.0539

Epoch [78/150], Loss: 0.0541

Epoch [79/150], Loss: 0.0480

Epoch [80/150], Loss: 0.0521

Epoch [81/150], Loss: 0.0432

Epoch [82/150], Loss: 0.0502

Epoch [83/150], Loss: 0.0446

Epoch [84/150], Loss: 0.0477

Epoch [85/150], Loss: 0.0501

Epoch [86/150], Loss: 0.0450

Epoch [87/150], Loss: 0.0439

Epoch [88/150], Loss: 0.0438

Epoch [89/150], Loss: 0.0439

Epoch [90/150], Loss: 0.0415

Epoch [91/150], Loss: 0.0427

Epoch [92/150], Loss: 0.0452

Epoch [93/150], Loss: 0.0392

Epoch [94/150], Loss: 0.0401

Epoch [95/150], Loss: 0.0361

Epoch [96/150], Loss: 0.0361

Epoch [97/150], Loss: 0.0371

Epoch [98/150], Loss: 0.0363

Epoch [99/150], Loss: 0.0366

Epoch [100/150], Loss: 0.0343

Epoch [101/150], Loss: 0.0355

Epoch [102/150], Loss: 0.0354

Epoch [103/150], Loss: 0.0316

Epoch [104/150], Loss: 0.0296

Epoch [105/150], Loss: 0.0325

Epoch [106/150], Loss: 0.0279

Epoch [107/150], Loss: 0.0312

Epoch [108/150], Loss: 0.0302

Epoch [109/150], Loss: 0.0289

Epoch [110/150], Loss: 0.0275

Epoch [111/150], Loss: 0.0297

Epoch [112/150], Loss: 0.0265

Epoch [113/150], Loss: 0.0300

Epoch [114/150], Loss: 0.0274

Epoch [115/150], Loss: 0.0289

Epoch [116/150], Loss: 0.0245

Epoch [117/150], Loss: 0.0279

Epoch [118/150], Loss: 0.0298

Epoch [119/150], Loss: 0.0284

Epoch [120/150], Loss: 0.0241

Epoch [121/150], Loss: 0.0221

Epoch [122/150], Loss: 0.0294

Epoch [123/150], Loss: 0.0240

Epoch [124/150], Loss: 0.0225

Epoch [125/150], Loss: 0.0236

Epoch [126/150], Loss: 0.0273

Epoch [127/150], Loss: 0.0243

Epoch [128/150], Loss: 0.0215

Epoch [129/150], Loss: 0.0203

Epoch [130/150], Loss: 0.0229

Epoch [131/150], Loss: 0.0259

Epoch [132/150], Loss: 0.0216

Epoch [133/150], Loss: 0.0202

Epoch [134/150], Loss: 0.0232

Epoch [135/150], Loss: 0.0191

Epoch [136/150], Loss: 0.0206

Epoch [137/150], Loss: 0.0199

Epoch [138/150], Loss: 0.0204

Epoch [139/150], Loss: 0.0215

Epoch [140/150], Loss: 0.0189

Epoch [141/150], Loss: 0.0199

Epoch [142/150], Loss: 0.0220

Epoch [143/150], Loss: 0.0183

Epoch [144/150], Loss: 0.0177

Epoch [145/150], Loss: 0.0179

Epoch [146/150], Loss: 0.0205

Epoch [147/150], Loss: 0.0161

Epoch [148/150], Loss: 0.0188

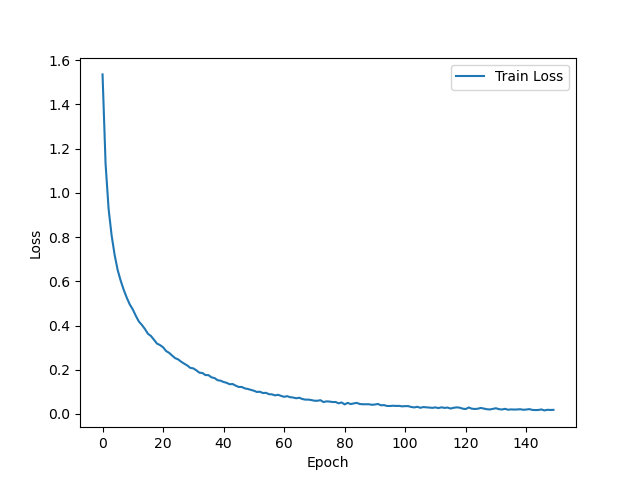
Epoch [149/150], Loss: 0.0181

Epoch [150/150], Loss: 0.0185

Training finished!

Files already downloaded and verified

Test Accuracy: 0.89



Cifar10 test:

Epoch [1/20], Loss: 0.1189

Epoch [1/20], Test Loss: 0.0445

Epoch [2/20], Loss: 0.0282

Epoch [2/20], Test Loss: 0.0334

Epoch [3/20], Loss: 0.0160

Epoch [3/20], Test Loss: 0.0346

Epoch [4/20], Loss: 0.0098

Epoch [4/20], Test Loss: 0.0288

Epoch [5/20], Loss: 0.0055

Epoch [5/20], Test Loss: 0.0258

Epoch [6/20], Loss: 0.0036

Epoch [6/20], Test Loss: 0.0321

Epoch [7/20], Loss: 0.0044

Epoch [7/20], Test Loss: 0.0262

Epoch [8/20], Loss: 0.0029

Epoch [8/20], Test Loss: 0.0258

Epoch [9/20], Loss: 0.0012

Epoch [9/20], Test Loss: 0.0240

Epoch [10/20], Loss: 0.0020

Epoch [10/20], Test Loss: 0.0250

Epoch [11/20], Loss: 0.0018

Epoch [11/20], Test Loss: 0.0284

Epoch [12/20], Loss: 0.0012

Epoch [12/20], Test Loss: 0.0256

Epoch [13/20], Loss: 0.0008

Epoch [13/20], Test Loss: 0.0234

Epoch [14/20], Loss: 0.0007

Epoch [14/20], Test Loss: 0.0245

Epoch [15/20], Loss: 0.0002

Epoch [15/20], Test Loss: 0.0233

Epoch [16/20], Loss: 0.0001

Epoch [16/20], Test Loss: 0.0236

Epoch [17/20], Loss: 0.0002

Epoch [17/20], Test Loss: 0.0234

Epoch [18/20], Loss: 0.0005

Epoch [18/20], Test Loss: 0.0258

Epoch [19/20], Loss: 0.0006

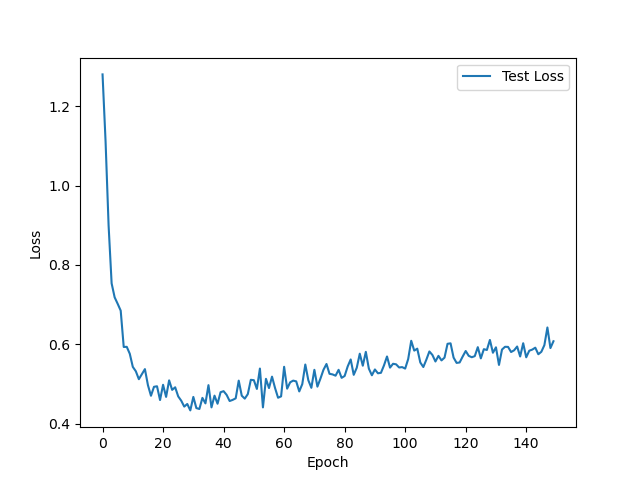
Epoch [19/20], Test Loss: 0.0241

Epoch [20/20], Loss: 0.0002

Epoch [20/20], Test Loss: 0.0257

Training finished!

Test Accuracy: 0.99



Cifar100\_original\_test loss

Epoch [1/200], Loss: 3.8492

Epoch [1/200], Test Loss: 3.4118

Epoch [2/200], Loss: 3.1842

Epoch [2/200], Test Loss: 3.1217

Epoch [3/200], Loss: 2.8289

Epoch [3/200], Test Loss: 2.7361

Epoch [4/200], Loss: 2.5774

Epoch [4/200], Test Loss: 2.6337

Epoch [5/200], Loss: 2.3903

Epoch [5/200], Test Loss: 2.4024

Epoch [6/200], Loss: 2.2401

Epoch [6/200], Test Loss: 2.3451

Epoch [7/200], Loss: 2.1164

Epoch [7/200], Test Loss: 2.2395

Epoch [8/200], Loss: 2.0164

Epoch [8/200], Test Loss: 2.1412

Epoch [9/200], Loss: 1.9313

Epoch [9/200], Test Loss: 2.1432

Epoch [10/200], Loss: 1.8502

Epoch [10/200], Test Loss: 1.9618

Epoch [11/200], Loss: 1.7889

Epoch [11/200], Test Loss: 2.0584

Epoch [12/200], Loss: 1.7371

Epoch [12/200], Test Loss: 1.9290

Epoch [13/200], Loss: 1.6846

Epoch [13/200], Test Loss: 1.9108

Epoch [14/200], Loss: 1.6422

Epoch [14/200], Test Loss: 1.9574

Epoch [15/200], Loss: 1.6064

Epoch [15/200], Test Loss: 1.8656

Epoch [16/200], Loss: 1.5685

Epoch [16/200], Test Loss: 1.7795

Epoch [17/200], Loss: 1.5350

Epoch [17/200], Test Loss: 1.7576

Epoch [18/200], Loss: 1.5082

Epoch [18/200], Test Loss: 1.8231

Epoch [19/200], Loss: 1.4942

Epoch [19/200], Test Loss: 1.7425

Epoch [20/200], Loss: 1.4612

Epoch [20/200], Test Loss: 1.7750

Epoch [21/200], Loss: 1.4422

Epoch [21/200], Test Loss: 1.7131

Epoch [22/200], Loss: 1.4112

Epoch [22/200], Test Loss: 1.7722

Epoch [23/200], Loss: 1.4002

Epoch [23/200], Test Loss: 1.6959

Epoch [24/200], Loss: 1.3849

Epoch [24/200], Test Loss: 1.6977

Epoch [25/200], Loss: 1.3714

Epoch [25/200], Test Loss: 1.7730

Epoch [26/200], Loss: 1.3387

Epoch [26/200], Test Loss: 1.7079

Epoch [27/200], Loss: 1.3300

Epoch [27/200], Test Loss: 1.6567

Epoch [28/200], Loss: 1.3167

Epoch [28/200], Test Loss: 1.6608

Epoch [29/200], Loss: 1.3045

Epoch [29/200], Test Loss: 1.5785

Epoch [30/200], Loss: 1.2936

Epoch [30/200], Test Loss: 1.5921

Epoch [31/200], Loss: 1.2906

Epoch [31/200], Test Loss: 1.6156

Epoch [32/200], Loss: 1.2610

Epoch [32/200], Test Loss: 1.7375

Epoch [33/200], Loss: 1.2586

Epoch [33/200], Test Loss: 1.6170

Epoch [34/200], Loss: 1.2578

Epoch [34/200], Test Loss: 1.6357

Epoch [35/200], Loss: 1.2471

Epoch [35/200], Test Loss: 1.6075

Epoch [36/200], Loss: 1.2401

Epoch [36/200], Test Loss: 1.6332

Epoch [37/200], Loss: 1.2284

Epoch [37/200], Test Loss: 1.6089

Epoch [38/200], Loss: 1.2168

Epoch [38/200], Test Loss: 1.6483

Epoch [39/200], Loss: 1.2092

Epoch [39/200], Test Loss: 1.5914

Epoch [40/200], Loss: 1.1836

Epoch [40/200], Test Loss: 1.7014

Epoch [41/200], Loss: 1.1896

Epoch [41/200], Test Loss: 1.6165

Epoch [42/200], Loss: 1.1687

Epoch [42/200], Test Loss: 1.6375

Epoch [43/200], Loss: 1.1559

Epoch [43/200], Test Loss: 1.6115

Epoch [44/200], Loss: 1.1489

Epoch [44/200], Test Loss: 1.7536

Epoch [45/200], Loss: 1.1478

Epoch [45/200], Test Loss: 1.5466

Epoch [46/200], Loss: 1.1330

Epoch [46/200], Test Loss: 1.5707

Epoch [47/200], Loss: 1.1337

Epoch [47/200], Test Loss: 1.6369

Epoch [48/200], Loss: 1.1256

Epoch [48/200], Test Loss: 1.6221

Epoch [49/200], Loss: 1.1145

Epoch [49/200], Test Loss: 1.5650

Epoch [50/200], Loss: 1.1159

Epoch [50/200], Test Loss: 1.6328

Epoch [51/200], Loss: 1.1036

Epoch [51/200], Test Loss: 1.5618

Epoch [52/200], Loss: 1.0959

Epoch [52/200], Test Loss: 1.5882

Epoch [53/200], Loss: 1.0861

Epoch [53/200], Test Loss: 1.5979

Epoch [54/200], Loss: 1.0766

Epoch [54/200], Test Loss: 1.6218

Epoch [55/200], Loss: 1.0799

Epoch [55/200], Test Loss: 1.5874

Epoch [56/200], Loss: 1.0715

Epoch [56/200], Test Loss: 1.5559

Epoch [57/200], Loss: 1.0620

Epoch [57/200], Test Loss: 1.6880

Epoch [58/200], Loss: 1.0618

Epoch [58/200], Test Loss: 1.5749

Epoch [59/200], Loss: 1.0489

Epoch [59/200], Test Loss: 1.5528

Epoch [60/200], Loss: 1.0477

Epoch [60/200], Test Loss: 1.5666

Epoch [61/200], Loss: 1.0459

Epoch [61/200], Test Loss: 1.5810

Epoch [62/200], Loss: 1.0525

Epoch [62/200], Test Loss: 1.6020

Epoch [63/200], Loss: 1.0377

Epoch [63/200], Test Loss: 1.5520

Epoch [64/200], Loss: 1.0275

Epoch [64/200], Test Loss: 1.5016

Epoch [65/200], Loss: 1.0298

Epoch [65/200], Test Loss: 1.5865

Epoch [66/200], Loss: 1.0162

Epoch [66/200], Test Loss: 1.5928

Epoch [67/200], Loss: 1.0226

Epoch [67/200], Test Loss: 1.5936

Epoch [68/200], Loss: 1.0118

Epoch [68/200], Test Loss: 1.5140

Epoch [69/200], Loss: 1.0177

Epoch [69/200], Test Loss: 1.5274

Epoch [70/200], Loss: 1.0114

Epoch [70/200], Test Loss: 1.6335

Epoch [71/200], Loss: 0.9971

Epoch [71/200], Test Loss: 1.5698

Epoch [72/200], Loss: 1.0009

Epoch [72/200], Test Loss: 1.6240

Epoch [73/200], Loss: 1.0076

Epoch [73/200], Test Loss: 1.6526

Epoch [74/200], Loss: 0.9984

Epoch [74/200], Test Loss: 1.5891

Epoch [75/200], Loss: 0.9843

Epoch [75/200], Test Loss: 1.6170

Epoch [76/200], Loss: 0.9823

Epoch [76/200], Test Loss: 1.5869

Epoch [77/200], Loss: 0.9952

Epoch [77/200], Test Loss: 1.4763

Epoch [78/200], Loss: 0.9726

Epoch [78/200], Test Loss: 1.5069

Epoch [79/200], Loss: 0.9815

Epoch [79/200], Test Loss: 1.5624

Epoch [80/200], Loss: 0.9770

Epoch [80/200], Test Loss: 1.5900

Epoch [81/200], Loss: 0.9805

Epoch [81/200], Test Loss: 1.4988

Epoch [82/200], Loss: 0.9687

Epoch [82/200], Test Loss: 1.5845

Epoch [83/200], Loss: 0.9607

Epoch [83/200], Test Loss: 1.5419

Epoch [84/200], Loss: 0.9671

Epoch [84/200], Test Loss: 1.6071

Epoch [85/200], Loss: 0.9568

Epoch [85/200], Test Loss: 1.5578

Epoch [86/200], Loss: 0.9623

Epoch [86/200], Test Loss: 1.5664

Epoch [87/200], Loss: 0.9601

Epoch [87/200], Test Loss: 1.6196

Epoch [88/200], Loss: 0.9597

Epoch [88/200], Test Loss: 1.5404

Epoch [89/200], Loss: 0.9489

Epoch [89/200], Test Loss: 1.5224

Epoch [90/200], Loss: 0.9521

Epoch [90/200], Test Loss: 1.4794

Epoch [91/200], Loss: 0.9498

Epoch [91/200], Test Loss: 1.5387

Epoch [92/200], Loss: 0.9478

Epoch [92/200], Test Loss: 1.5790

Epoch [93/200], Loss: 0.9414

Epoch [93/200], Test Loss: 1.5581

Epoch [94/200], Loss: 0.9329

Epoch [94/200], Test Loss: 1.5799

Epoch [95/200], Loss: 0.9415

Epoch [95/200], Test Loss: 1.5589

Epoch [96/200], Loss: 0.9329

Epoch [96/200], Test Loss: 1.4801

Epoch [97/200], Loss: 0.9422

Epoch [97/200], Test Loss: 1.5543

Epoch [98/200], Loss: 0.9232

Epoch [98/200], Test Loss: 1.6689

Epoch [99/200], Loss: 0.9327

Epoch [99/200], Test Loss: 1.4812

Epoch [100/200], Loss: 0.9380

Epoch [100/200], Test Loss: 1.5537

Epoch [101/200], Loss: 0.9229

Epoch [101/200], Test Loss: 1.5659

Epoch [102/200], Loss: 0.9198

Epoch [102/200], Test Loss: 1.4579

Epoch [103/200], Loss: 0.9333

Epoch [103/200], Test Loss: 1.5317

Epoch [104/200], Loss: 0.9215

Epoch [104/200], Test Loss: 1.5389

Epoch [105/200], Loss: 0.9190

Epoch [105/200], Test Loss: 1.5248

Epoch [106/200], Loss: 0.9126

Epoch [106/200], Test Loss: 1.5653

Epoch [107/200], Loss: 0.9272

Epoch [107/200], Test Loss: 1.5514

Epoch [108/200], Loss: 0.9133

Epoch [108/200], Test Loss: 1.5413

Epoch [109/200], Loss: 0.9160

Epoch [109/200], Test Loss: 1.5327

Epoch [110/200], Loss: 0.9056

Epoch [110/200], Test Loss: 1.5226

Epoch [111/200], Loss: 0.9171

Epoch [111/200], Test Loss: 1.5897

Epoch [112/200], Loss: 0.9029

Epoch [112/200], Test Loss: 1.5899

Epoch [113/200], Loss: 0.9108

Epoch [113/200], Test Loss: 1.4814

Epoch [114/200], Loss: 0.9114

Epoch [114/200], Test Loss: 1.5054

Epoch [115/200], Loss: 0.9058

Epoch [115/200], Test Loss: 1.5284

Epoch [116/200], Loss: 0.9043

Epoch [116/200], Test Loss: 1.5084

Epoch [117/200], Loss: 0.8897

Epoch [117/200], Test Loss: 1.4972

Epoch [118/200], Loss: 0.8972

Epoch [118/200], Test Loss: 1.6752

Epoch [119/200], Loss: 0.9044

Epoch [119/200], Test Loss: 1.5633

Epoch [120/200], Loss: 0.8997

Epoch [120/200], Test Loss: 1.5371

Epoch [121/200], Loss: 0.8959

Epoch [121/200], Test Loss: 1.4508

Epoch [122/200], Loss: 0.9041

Epoch [122/200], Test Loss: 1.6108

Epoch [123/200], Loss: 0.8828

Epoch [123/200], Test Loss: 1.5729

Epoch [124/200], Loss: 0.8916

Epoch [124/200], Test Loss: 1.5124

Epoch [125/200], Loss: 0.8875

Epoch [125/200], Test Loss: 1.5417

Epoch [126/200], Loss: 0.8998

Epoch [126/200], Test Loss: 1.6502

Epoch [127/200], Loss: 0.8836

Epoch [127/200], Test Loss: 1.4990

Epoch [128/200], Loss: 0.8983

Epoch [128/200], Test Loss: 1.5368

Epoch [129/200], Loss: 0.8908

Epoch [129/200], Test Loss: 1.5441

Epoch [130/200], Loss: 0.8811

Epoch [130/200], Test Loss: 1.5967

Epoch [131/200], Loss: 0.8875

Epoch [131/200], Test Loss: 1.4862

Epoch [132/200], Loss: 0.8920

Epoch [132/200], Test Loss: 1.5539

Epoch [133/200], Loss: 0.8936

Epoch [133/200], Test Loss: 1.5260

Epoch [134/200], Loss: 0.8816

Epoch [134/200], Test Loss: 1.5172

Epoch [135/200], Loss: 0.8805

Epoch [135/200], Test Loss: 1.5038

Epoch [136/200], Loss: 0.8833

Epoch [136/200], Test Loss: 1.5250

Epoch [137/200], Loss: 0.8750

Epoch [137/200], Test Loss: 1.5854

Epoch [138/200], Loss: 0.8749

Epoch [138/200], Test Loss: 1.6232

Epoch [139/200], Loss: 0.8764

Epoch [139/200], Test Loss: 1.5155

Epoch [140/200], Loss: 0.8817

Epoch [140/200], Test Loss: 1.5325

Epoch [141/200], Loss: 0.8802

Epoch [141/200], Test Loss: 1.6070

Epoch [142/200], Loss: 0.8789

Epoch [142/200], Test Loss: 1.5407

Epoch [143/200], Loss: 0.8675

Epoch [143/200], Test Loss: 1.5629

Epoch [144/200], Loss: 0.8710

Epoch [144/200], Test Loss: 1.5655

Epoch [145/200], Loss: 0.8761

Epoch [145/200], Test Loss: 1.4768

Epoch [146/200], Loss: 0.8716

Epoch [146/200], Test Loss: 1.5777

Epoch [147/200], Loss: 0.8757

Epoch [147/200], Test Loss: 1.4608

Epoch [148/200], Loss: 0.8670

Epoch [148/200], Test Loss: 1.5883

Epoch [149/200], Loss: 0.8800

Epoch [149/200], Test Loss: 1.5261

Epoch [150/200], Loss: 0.8728

Epoch [150/200], Test Loss: 1.5997

Epoch [151/200], Loss: 0.8612

Epoch [151/200], Test Loss: 1.5722

Epoch [152/200], Loss: 0.8652

Epoch [152/200], Test Loss: 1.5484

Epoch [153/200], Loss: 0.8535

Epoch [153/200], Test Loss: 1.5479

Epoch [154/200], Loss: 0.8605

Epoch [154/200], Test Loss: 1.5328

Epoch [155/200], Loss: 0.8707

Epoch [155/200], Test Loss: 1.4692

Epoch [156/200], Loss: 0.8705

Epoch [156/200], Test Loss: 1.5810

Epoch [157/200], Loss: 0.8653

Epoch [157/200], Test Loss: 1.5421

Epoch [158/200], Loss: 0.8628

Epoch [158/200], Test Loss: 1.6210

Epoch [159/200], Loss: 0.8655

Epoch [159/200], Test Loss: 1.6865

Epoch [160/200], Loss: 0.8640

Epoch [160/200], Test Loss: 1.6018

Epoch [161/200], Loss: 0.8512

Epoch [161/200], Test Loss: 1.4441

Epoch [162/200], Loss: 0.8609

Epoch [162/200], Test Loss: 1.4826

Epoch [163/200], Loss: 0.8651

Epoch [163/200], Test Loss: 1.6536

Epoch [164/200], Loss: 0.8595

Epoch [164/200], Test Loss: 1.5063

Epoch [165/200], Loss: 0.8536

Epoch [165/200], Test Loss: 1.6036

Epoch [166/200], Loss: 0.8596

Epoch [166/200], Test Loss: 1.5383

Epoch [167/200], Loss: 0.8448

Epoch [167/200], Test Loss: 1.5571

Epoch [168/200], Loss: 0.8637

Epoch [168/200], Test Loss: 1.6019

Epoch [169/200], Loss: 0.8516

Epoch [169/200], Test Loss: 1.5902

Epoch [170/200], Loss: 0.8553

Epoch [170/200], Test Loss: 1.5000

Epoch [171/200], Loss: 0.8570

Epoch [171/200], Test Loss: 1.5120

Epoch [172/200], Loss: 0.8460

Epoch [172/200], Test Loss: 1.5600

Epoch [173/200], Loss: 0.8536

Epoch [173/200], Test Loss: 1.5872

Epoch [174/200], Loss: 0.8445

Epoch [174/200], Test Loss: 1.5611

Epoch [175/200], Loss: 0.8558

Epoch [175/200], Test Loss: 1.5528

Epoch [176/200], Loss: 0.8603

Epoch [176/200], Test Loss: 1.4787

Epoch [177/200], Loss: 0.8528

Epoch [177/200], Test Loss: 1.4929

Epoch [178/200], Loss: 0.8448

Epoch [178/200], Test Loss: 1.5980

Epoch [179/200], Loss: 0.8523

Epoch [179/200], Test Loss: 1.5275

Epoch [180/200], Loss: 0.8534

Epoch [180/200], Test Loss: 1.4895

Epoch [181/200], Loss: 0.8355

Epoch [181/200], Test Loss: 1.5801

Epoch [182/200], Loss: 0.8448

Epoch [182/200], Test Loss: 1.5676

Epoch [183/200], Loss: 0.8401

Epoch [183/200], Test Loss: 1.4939

Epoch [184/200], Loss: 0.8412

Epoch [184/200], Test Loss: 1.4726

Epoch [185/200], Loss: 0.8373

Epoch [185/200], Test Loss: 1.5149

Epoch [186/200], Loss: 0.8461

Epoch [186/200], Test Loss: 1.5986

Epoch [187/200], Loss: 0.8396

Epoch [187/200], Test Loss: 1.4737

Epoch [188/200], Loss: 0.8444

Epoch [188/200], Test Loss: 1.6076

Epoch [189/200], Loss: 0.8326

Epoch [189/200], Test Loss: 1.4902

Epoch [190/200], Loss: 0.8419

Epoch [190/200], Test Loss: 1.4851

Epoch [191/200], Loss: 0.8503

Epoch [191/200], Test Loss: 1.5629

Epoch [192/200], Loss: 0.8452

Epoch [192/200], Test Loss: 1.5571

Epoch [193/200], Loss: 0.8481

Epoch [193/200], Test Loss: 1.5183

Epoch [194/200], Loss: 0.8349

Epoch [194/200], Test Loss: 1.5426

Epoch [195/200], Loss: 0.8404

Epoch [195/200], Test Loss: 1.6359

Epoch [196/200], Loss: 0.8237

Epoch [196/200], Test Loss: 1.5191

Epoch [197/200], Loss: 0.8361

Epoch [197/200], Test Loss: 1.6717

Epoch [198/200], Loss: 0.8376

Epoch [198/200], Test Loss: 1.5922

Epoch [199/200], Loss: 0.8558

Epoch [199/200], Test Loss: 1.5597

Epoch [200/200], Loss: 0.8418

Epoch [200/200], Test Loss: 1.5225

Training finished!

Test Accuracy: 0.62

A graph of a line

Description automatically generated

A graph with a blue line

Description automatically generated

Resnet50\_ciifar100:

Epoch [1/200], Loss: 4.0730

Epoch [1/200], Test Loss: 3.5773

Epoch [2/200], Loss: 3.4197

Epoch [2/200], Test Loss: 3.2612

Epoch [3/200], Loss: 3.1015

Epoch [3/200], Test Loss: 2.9837

Epoch [4/200], Loss: 2.8621

Epoch [4/200], Test Loss: 2.8059

Epoch [5/200], Loss: 2.6506

Epoch [5/200], Test Loss: 2.6354

Epoch [6/200], Loss: 2.4703

Epoch [6/200], Test Loss: 2.5041

Epoch [7/200], Loss: 2.3239

Epoch [7/200], Test Loss: 2.3485

Epoch [8/200], Loss: 2.1960

Epoch [8/200], Test Loss: 2.3577

Epoch [9/200], Loss: 2.0849

Epoch [9/200], Test Loss: 2.1473

Epoch [10/200], Loss: 1.9911

Epoch [10/200], Test Loss: 2.0862

Epoch [11/200], Loss: 1.9044

Epoch [11/200], Test Loss: 2.0455

Epoch [12/200], Loss: 1.8305

Epoch [12/200], Test Loss: 2.0378

Epoch [13/200], Loss: 1.7561

Epoch [13/200], Test Loss: 1.9156

Epoch [14/200], Loss: 1.7011

Epoch [14/200], Test Loss: 1.9620

Epoch [15/200], Loss: 1.6542

Epoch [15/200], Test Loss: 1.9100

Epoch [16/200], Loss: 1.6139

Epoch [16/200], Test Loss: 1.8298

Epoch [17/200], Loss: 1.5758

Epoch [17/200], Test Loss: 1.7802

Epoch [18/200], Loss: 1.5387

Epoch [18/200], Test Loss: 1.8531

Epoch [19/200], Loss: 1.5113

Epoch [19/200], Test Loss: 1.8467

Epoch [20/200], Loss: 1.4837

Epoch [20/200], Test Loss: 1.8097

Epoch [21/200], Loss: 1.4623

Epoch [21/200], Test Loss: 1.7132

Epoch [22/200], Loss: 1.4374

Epoch [22/200], Test Loss: 1.6499

Epoch [23/200], Loss: 1.4313

Epoch [23/200], Test Loss: 1.7172

Epoch [24/200], Loss: 1.4135

Epoch [24/200], Test Loss: 1.8027

Epoch [25/200], Loss: 1.3870

Epoch [25/200], Test Loss: 1.6493

Epoch [26/200], Loss: 1.3758

Epoch [26/200], Test Loss: 1.5938

Epoch [27/200], Loss: 1.3626

Epoch [27/200], Test Loss: 1.6693

Epoch [28/200], Loss: 1.3475

Epoch [28/200], Test Loss: 1.6525

Epoch [29/200], Loss: 1.3368

Epoch [29/200], Test Loss: 1.7149

Epoch [30/200], Loss: 1.3191

Epoch [30/200], Test Loss: 1.6415

Epoch [31/200], Loss: 1.3068

Epoch [31/200], Test Loss: 1.6197

Epoch [32/200], Loss: 1.2901

Epoch [32/200], Test Loss: 1.5727

Epoch [33/200], Loss: 1.2809

Epoch [33/200], Test Loss: 1.7249

Epoch [34/200], Loss: 1.2724

Epoch [34/200], Test Loss: 1.5452

Epoch [35/200], Loss: 1.2673

Epoch [35/200], Test Loss: 1.5364

Epoch [36/200], Loss: 1.2567

Epoch [36/200], Test Loss: 1.5871

Epoch [37/200], Loss: 1.2430

Epoch [37/200], Test Loss: 1.6540

Epoch [38/200], Loss: 1.2381

Epoch [38/200], Test Loss: 1.5512

Epoch [39/200], Loss: 1.2284

Epoch [39/200], Test Loss: 1.6052

Epoch [40/200], Loss: 1.2273

Epoch [40/200], Test Loss: 1.6613

Epoch [41/200], Loss: 1.2172

Epoch [41/200], Test Loss: 1.5382

Epoch [42/200], Loss: 1.2010

Epoch [42/200], Test Loss: 1.5883

Epoch [43/200], Loss: 1.1967

Epoch [43/200], Test Loss: 1.5852

Epoch [44/200], Loss: 1.1811

Epoch [44/200], Test Loss: 1.5639

Epoch [45/200], Loss: 1.1831

Epoch [45/200], Test Loss: 1.4893

Epoch [46/200], Loss: 1.1669

Epoch [46/200], Test Loss: 1.6172

Epoch [47/200], Loss: 1.1650

Epoch [47/200], Test Loss: 1.5408

Epoch [48/200], Loss: 1.1458

Epoch [48/200], Test Loss: 1.5156

Epoch [49/200], Loss: 1.1391

Epoch [49/200], Test Loss: 1.5575

Epoch [50/200], Loss: 1.1368

Epoch [50/200], Test Loss: 1.6668

Epoch [51/200], Loss: 1.1224

Epoch [51/200], Test Loss: 1.5147

Epoch [52/200], Loss: 1.1238

Epoch [52/200], Test Loss: 1.6407

Epoch [53/200], Loss: 1.1192

Epoch [53/200], Test Loss: 1.5481

Epoch [54/200], Loss: 1.1173

Epoch [54/200], Test Loss: 1.5509

Epoch [55/200], Loss: 1.0965

Epoch [55/200], Test Loss: 1.5467

Epoch [56/200], Loss: 1.0987

Epoch [56/200], Test Loss: 1.5030

Epoch [57/200], Loss: 1.0983

Epoch [57/200], Test Loss: 1.4998

Epoch [58/200], Loss: 1.0862

Epoch [58/200], Test Loss: 1.5193

Epoch [59/200], Loss: 1.0818

Epoch [59/200], Test Loss: 1.5202

Epoch [60/200], Loss: 1.0690

Epoch [60/200], Test Loss: 1.5099

Epoch [61/200], Loss: 1.0744

Epoch [61/200], Test Loss: 1.5546

Epoch [62/200], Loss: 1.0651

Epoch [62/200], Test Loss: 1.4753

Epoch [63/200], Loss: 1.0666

Epoch [63/200], Test Loss: 1.6645

Epoch [64/200], Loss: 1.0553

Epoch [64/200], Test Loss: 1.5532

Epoch [65/200], Loss: 1.0617

Epoch [65/200], Test Loss: 1.5905

Epoch [66/200], Loss: 1.0438

Epoch [66/200], Test Loss: 1.5941

Epoch [67/200], Loss: 1.0535

Epoch [67/200], Test Loss: 1.5184

Epoch [68/200], Loss: 1.0410

Epoch [68/200], Test Loss: 1.5505

Epoch [69/200], Loss: 1.0376

Epoch [69/200], Test Loss: 1.5695

Epoch [70/200], Loss: 1.0294

Epoch [70/200], Test Loss: 1.5661

Epoch [71/200], Loss: 1.0205

Epoch [71/200], Test Loss: 1.5356

Epoch [72/200], Loss: 1.0194

Epoch [72/200], Test Loss: 1.5422

Epoch [73/200], Loss: 1.0234

Epoch [73/200], Test Loss: 1.5384

Epoch [74/200], Loss: 1.0207

Epoch [74/200], Test Loss: 1.5769

Epoch [75/200], Loss: 1.0091

Epoch [75/200], Test Loss: 1.5336

Epoch [76/200], Loss: 1.0008

Epoch [76/200], Test Loss: 1.4624

Epoch [77/200], Loss: 1.0035

Epoch [77/200], Test Loss: 1.4249

Epoch [78/200], Loss: 1.0023

Epoch [78/200], Test Loss: 1.6095

Epoch [79/200], Loss: 1.0001

Epoch [79/200], Test Loss: 1.5021

Epoch [80/200], Loss: 0.9935

Epoch [80/200], Test Loss: 1.5443

Epoch [81/200], Loss: 0.9887

Epoch [81/200], Test Loss: 1.6361

Epoch [82/200], Loss: 0.9911

Epoch [82/200], Test Loss: 1.5683

Epoch [83/200], Loss: 0.9839

Epoch [83/200], Test Loss: 1.4680

Epoch [84/200], Loss: 0.9823

Epoch [84/200], Test Loss: 1.4567

Epoch [85/200], Loss: 0.9753

Epoch [85/200], Test Loss: 1.5489

Epoch [86/200], Loss: 0.9821

Epoch [86/200], Test Loss: 1.4437

Epoch [87/200], Loss: 0.9719

Epoch [87/200], Test Loss: 1.6022

Epoch [88/200], Loss: 0.9780

Epoch [88/200], Test Loss: 1.4694

Epoch [89/200], Loss: 0.9682

Epoch [89/200], Test Loss: 1.5175

Epoch [90/200], Loss: 0.9672

Epoch [90/200], Test Loss: 1.5316

Epoch [91/200], Loss: 0.9701

Epoch [91/200], Test Loss: 1.5681

Epoch [92/200], Loss: 0.9549

Epoch [92/200], Test Loss: 1.5414

Epoch [93/200], Loss: 0.9586

Epoch [93/200], Test Loss: 1.5575

Epoch [94/200], Loss: 0.9492

Epoch [94/200], Test Loss: 1.5341

Epoch [95/200], Loss: 0.9491

Epoch [95/200], Test Loss: 1.4770

Epoch [96/200], Loss: 0.9515

Epoch [96/200], Test Loss: 1.5151

Epoch [97/200], Loss: 0.9578

Epoch [97/200], Test Loss: 1.4874

Epoch [98/200], Loss: 0.9492

Epoch [98/200], Test Loss: 1.5245

Epoch [99/200], Loss: 0.9487

Epoch [99/200], Test Loss: 1.5779

Epoch [100/200], Loss: 0.9437

Epoch [100/200], Test Loss: 1.4398

Epoch [101/200], Loss: 0.9483

Epoch [101/200], Test Loss: 1.5183

Epoch [102/200], Loss: 0.9300

Epoch [102/200], Test Loss: 1.5000

Epoch [103/200], Loss: 0.9424

Epoch [103/200], Test Loss: 1.6211

Epoch [104/200], Loss: 0.9320

Epoch [104/200], Test Loss: 1.5354

Epoch [105/200], Loss: 0.9481

Epoch [105/200], Test Loss: 1.6142

Epoch [106/200], Loss: 0.9286

Epoch [106/200], Test Loss: 1.5149

Epoch [107/200], Loss: 0.9263

Epoch [107/200], Test Loss: 1.4787

Epoch [108/200], Loss: 0.9322

Epoch [108/200], Test Loss: 1.4462

Epoch [109/200], Loss: 0.9304

Epoch [109/200], Test Loss: 1.5094

Epoch [110/200], Loss: 0.9194

Epoch [110/200], Test Loss: 1.4545

Epoch [111/200], Loss: 0.9203

Epoch [111/200], Test Loss: 1.5530

Epoch [112/200], Loss: 0.9096

Epoch [112/200], Test Loss: 1.5073

Epoch [113/200], Loss: 0.9171

Epoch [113/200], Test Loss: 1.5092

Epoch [114/200], Loss: 0.9195

Epoch [114/200], Test Loss: 1.4727

Epoch [115/200], Loss: 0.9195

Epoch [115/200], Test Loss: 1.4957

Epoch [116/200], Loss: 0.9117

Epoch [116/200], Test Loss: 1.5094

Epoch [117/200], Loss: 0.9130

Epoch [117/200], Test Loss: 1.4695

Epoch [118/200], Loss: 0.9075

Epoch [118/200], Test Loss: 1.5199

Epoch [119/200], Loss: 0.9174

Epoch [119/200], Test Loss: 1.5467

Epoch [120/200], Loss: 0.9088

Epoch [120/200], Test Loss: 1.4874

Epoch [121/200], Loss: 0.9012

Epoch [121/200], Test Loss: 1.5110

Epoch [122/200], Loss: 0.8976

Epoch [122/200], Test Loss: 1.5753

Epoch [123/200], Loss: 0.9027

Epoch [123/200], Test Loss: 1.5009

Epoch [124/200], Loss: 0.9021

Epoch [124/200], Test Loss: 1.5022

Epoch [125/200], Loss: 0.8983

Epoch [125/200], Test Loss: 1.5159

Epoch [126/200], Loss: 0.9134

Epoch [126/200], Test Loss: 1.4682

Epoch [127/200], Loss: 0.8953

Epoch [127/200], Test Loss: 1.4746

Epoch [128/200], Loss: 0.8959

Epoch [128/200], Test Loss: 1.4898

Epoch [129/200], Loss: 0.8921

Epoch [129/200], Test Loss: 1.4747

Epoch [130/200], Loss: 0.8929

Epoch [130/200], Test Loss: 1.5950

Epoch [131/200], Loss: 0.8955

Epoch [131/200], Test Loss: 1.5183

Epoch [132/200], Loss: 0.8890

Epoch [132/200], Test Loss: 1.4221

Epoch [133/200], Loss: 0.8855

Epoch [133/200], Test Loss: 1.4818

Epoch [134/200], Loss: 0.8924

Epoch [134/200], Test Loss: 1.5870

Epoch [135/200], Loss: 0.8864

Epoch [135/200], Test Loss: 1.5289

Epoch [136/200], Loss: 0.8874

Epoch [136/200], Test Loss: 1.4981

Epoch [137/200], Loss: 0.8853

Epoch [137/200], Test Loss: 1.4867

Epoch [138/200], Loss: 0.8845

Epoch [138/200], Test Loss: 1.5416

Epoch [139/200], Loss: 0.8897

Epoch [139/200], Test Loss: 1.5827

Epoch [140/200], Loss: 0.8649

Epoch [140/200], Test Loss: 1.4797

Epoch [141/200], Loss: 0.8703

Epoch [141/200], Test Loss: 1.4943

Epoch [142/200], Loss: 0.8875

Epoch [142/200], Test Loss: 1.5411

Epoch [143/200], Loss: 0.8774

Epoch [143/200], Test Loss: 1.6300

Epoch [144/200], Loss: 0.8824

Epoch [144/200], Test Loss: 1.5449

Epoch [145/200], Loss: 0.8734

Epoch [145/200], Test Loss: 1.4591

Epoch [146/200], Loss: 0.8641

Epoch [146/200], Test Loss: 1.6262

Epoch [147/200], Loss: 0.8840

Epoch [147/200], Test Loss: 1.4397

Epoch [148/200], Loss: 0.8703

Epoch [148/200], Test Loss: 1.5147

Epoch [149/200], Loss: 0.8697

Epoch [149/200], Test Loss: 1.4964

Epoch [150/200], Loss: 0.8581

Epoch [150/200], Test Loss: 1.4637

Epoch [151/200], Loss: 0.8638

Epoch [151/200], Test Loss: 1.5655

Epoch [152/200], Loss: 0.8760

Epoch [152/200], Test Loss: 1.4424

Epoch [153/200], Loss: 0.8679

Epoch [153/200], Test Loss: 1.5284

Epoch [154/200], Loss: 0.8667

Epoch [154/200], Test Loss: 1.5290

Epoch [155/200], Loss: 0.8680

Epoch [155/200], Test Loss: 1.4819

Epoch [156/200], Loss: 0.8574

Epoch [156/200], Test Loss: 1.5320

Epoch [157/200], Loss: 0.8619

Epoch [157/200], Test Loss: 1.5372

Epoch [158/200], Loss: 0.8624

Epoch [158/200], Test Loss: 1.5799

Epoch [159/200], Loss: 0.8711

Epoch [159/200], Test Loss: 1.6710

Epoch [160/200], Loss: 0.8585

Epoch [160/200], Test Loss: 1.4660

Epoch [161/200], Loss: 0.8687

Epoch [161/200], Test Loss: 1.4661

Epoch [162/200], Loss: 0.8590

Epoch [162/200], Test Loss: 1.5362

Epoch [163/200], Loss: 0.8605

Epoch [163/200], Test Loss: 1.5000

Epoch [164/200], Loss: 0.8534

Epoch [164/200], Test Loss: 1.4439

Epoch [165/200], Loss: 0.8547

Epoch [165/200], Test Loss: 1.4795

Epoch [166/200], Loss: 0.8593

Epoch [166/200], Test Loss: 1.4667

Epoch [167/200], Loss: 0.8596

Epoch [167/200], Test Loss: 1.4737

Epoch [168/200], Loss: 0.8570

Epoch [168/200], Test Loss: 1.4527

Epoch [169/200], Loss: 0.8603

Epoch [169/200], Test Loss: 1.4901

Epoch [170/200], Loss: 0.8560

Epoch [170/200], Test Loss: 1.5053

Epoch [171/200], Loss: 0.8467

Epoch [171/200], Test Loss: 1.5023

Epoch [172/200], Loss: 0.8447

Epoch [172/200], Test Loss: 1.5094

Epoch [173/200], Loss: 0.8492

Epoch [173/200], Test Loss: 1.4779

Epoch [174/200], Loss: 0.8663

Epoch [174/200], Test Loss: 1.5773

Epoch [175/200], Loss: 0.8558

Epoch [175/200], Test Loss: 1.4657

Epoch [176/200], Loss: 0.8456

Epoch [176/200], Test Loss: 1.5553

Epoch [177/200], Loss: 0.8446

Epoch [177/200], Test Loss: 1.5040

Epoch [178/200], Loss: 0.8480

Epoch [178/200], Test Loss: 1.4697

Epoch [179/200], Loss: 0.8414

Epoch [179/200], Test Loss: 1.5535

Epoch [180/200], Loss: 0.8469

Epoch [180/200], Test Loss: 1.5446

Epoch [181/200], Loss: 0.8424

Epoch [181/200], Test Loss: 1.5348

Epoch [182/200], Loss: 0.8430

Epoch [182/200], Test Loss: 1.5123

Epoch [183/200], Loss: 0.8494

Epoch [183/200], Test Loss: 1.4576

Epoch [184/200], Loss: 0.8488

Epoch [184/200], Test Loss: 1.5752

Epoch [185/200], Loss: 0.8427

Epoch [185/200], Test Loss: 1.4516

Epoch [186/200], Loss: 0.8408

Epoch [186/200], Test Loss: 1.4845

Epoch [187/200], Loss: 0.8396

Epoch [187/200], Test Loss: 1.5284

Epoch [188/200], Loss: 0.8451

Epoch [188/200], Test Loss: 1.5024

Epoch [189/200], Loss: 0.8451

Epoch [189/200], Test Loss: 1.5072

Epoch [190/200], Loss: 0.8436

Epoch [190/200], Test Loss: 1.5431

Epoch [191/200], Loss: 0.8367

Epoch [191/200], Test Loss: 1.5437

Epoch [192/200], Loss: 0.8294

Epoch [192/200], Test Loss: 1.5476

Epoch [193/200], Loss: 0.8373

Epoch [193/200], Test Loss: 1.5811

Epoch [194/200], Loss: 0.8323

Epoch [194/200], Test Loss: 1.5550

Epoch [195/200], Loss: 0.8365

Epoch [195/200], Test Loss: 1.5198

Epoch [196/200], Loss: 0.8339

Epoch [196/200], Test Loss: 1.5869

Epoch [197/200], Loss: 0.8307

Epoch [197/200], Test Loss: 1.5147

Epoch [198/200], Loss: 0.8382

Epoch [198/200], Test Loss: 1.4702

Epoch [199/200], Loss: 0.8318

Epoch [199/200], Test Loss: 1.5226

Epoch [200/200], Loss: 0.8232

Epoch [200/200], Test Loss: 1.8027

Training finished!

Test Accuracy: 0.57

Cifar10-resnet50-original:

Epoch [1/200], Loss: 2.8079

Epoch [2/200], Loss: 1.0066

Epoch [3/200], Loss: 0.7892

Epoch [4/200], Loss: 0.6735

Epoch [5/200], Loss: 0.5966

Epoch [6/200], Loss: 0.5401

Epoch [7/200], Loss: 0.5029

Epoch [8/200], Loss: 0.4634

Epoch [9/200], Loss: 0.4313

Epoch [10/200], Loss: 0.4042

Epoch [11/200], Loss: 0.3812

Epoch [12/200], Loss: 0.3629

Epoch [13/200], Loss: 0.3409

Epoch [14/200], Loss: 0.3261

Epoch [15/200], Loss: 0.3082

Epoch [16/200], Loss: 0.2888

Epoch [17/200], Loss: 0.2851

Epoch [18/200], Loss: 0.2703

Epoch [19/200], Loss: 0.2481

Epoch [20/200], Loss: 0.2431

Epoch [21/200], Loss: 0.2344

Epoch [22/200], Loss: 0.2211

Epoch [23/200], Loss: 0.2133

Epoch [24/200], Loss: 0.2007

Epoch [25/200], Loss: 0.1892

Epoch [26/200], Loss: 0.1838

Epoch [27/200], Loss: 0.1780

Epoch [28/200], Loss: 0.1705

Epoch [29/200], Loss: 0.1632

Epoch [30/200], Loss: 0.1555

Epoch [31/200], Loss: 0.1463

Epoch [32/200], Loss: 0.1387

Epoch [33/200], Loss: 0.1333

Epoch [34/200], Loss: 0.1320

Epoch [35/200], Loss: 0.1238

Epoch [36/200], Loss: 0.1180

Epoch [37/200], Loss: 0.1129

Epoch [38/200], Loss: 0.1095

Epoch [39/200], Loss: 0.1041

Epoch [40/200], Loss: 0.1025

Epoch [41/200], Loss: 0.1001

Epoch [42/200], Loss: 0.0917

Epoch [43/200], Loss: 0.0882

Epoch [44/200], Loss: 0.0886

Epoch [45/200], Loss: 0.0855

Epoch [46/200], Loss: 0.0804

Epoch [47/200], Loss: 0.0815

Epoch [48/200], Loss: 0.0732

Epoch [49/200], Loss: 0.0758

Epoch [50/200], Loss: 0.0705

Epoch [51/200], Loss: 0.0703

Epoch [52/200], Loss: 0.0658

Epoch [53/200], Loss: 0.0651

Epoch [54/200], Loss: 0.0651

Epoch [55/200], Loss: 0.0604

Epoch [56/200], Loss: 0.0601

Epoch [57/200], Loss: 0.0585

Epoch [58/200], Loss: 0.0538

Epoch [59/200], Loss: 0.0539

Epoch [60/200], Loss: 0.0540

Epoch [61/200], Loss: 0.0513

Epoch [62/200], Loss: 0.0502

Epoch [63/200], Loss: 0.0495

Epoch [64/200], Loss: 0.0465

Epoch [65/200], Loss: 0.0455

Epoch [66/200], Loss: 0.0451

Epoch [67/200], Loss: 0.0436

Epoch [68/200], Loss: 0.0427

Epoch [69/200], Loss: 0.0422

Epoch [70/200], Loss: 0.0410

Epoch [71/200], Loss: 0.0395

Epoch [72/200], Loss: 0.0385

Epoch [73/200], Loss: 0.0412

Epoch [74/200], Loss: 0.0360

Epoch [75/200], Loss: 0.0366

Epoch [76/200], Loss: 0.0360

Epoch [77/200], Loss: 0.0350

Epoch [78/200], Loss: 0.0332

Epoch [79/200], Loss: 0.0322

Epoch [80/200], Loss: 0.0328

Epoch [81/200], Loss: 0.0339

Epoch [82/200], Loss: 0.0326

Epoch [83/200], Loss: 0.0289

Epoch [84/200], Loss: 0.0311

Epoch [85/200], Loss: 0.0305

Epoch [86/200], Loss: 0.0293

Epoch [87/200], Loss: 0.0293

Epoch [88/200], Loss: 0.0304

Epoch [89/200], Loss: 0.0293

Epoch [90/200], Loss: 0.0270

Epoch [91/200], Loss: 0.0266

Epoch [92/200], Loss: 0.0275

Epoch [93/200], Loss: 0.0265

Epoch [94/200], Loss: 0.0265

Epoch [95/200], Loss: 0.0275

Epoch [96/200], Loss: 0.0278

Epoch [97/200], Loss: 0.0245

Epoch [98/200], Loss: 0.0263

Epoch [99/200], Loss: 0.0248

Epoch [100/200], Loss: 0.0264

Epoch [101/200], Loss: 0.0254

Epoch [102/200], Loss: 0.0239

Epoch [103/200], Loss: 0.0243

Epoch [104/200], Loss: 0.0227

Epoch [105/200], Loss: 0.0230

Epoch [106/200], Loss: 0.0215

Epoch [107/200], Loss: 0.0222

Epoch [108/200], Loss: 0.0212

Epoch [109/200], Loss: 0.0210

Epoch [110/200], Loss: 0.0194

Epoch [111/200], Loss: 0.0210

Epoch [112/200], Loss: 0.0224

Epoch [113/200], Loss: 0.0205

Epoch [114/200], Loss: 0.0186

Epoch [115/200], Loss: 0.0208

Epoch [116/200], Loss: 0.0205

Epoch [117/200], Loss: 0.0203

Epoch [118/200], Loss: 0.0199

Epoch [119/200], Loss: 0.0209

Epoch [120/200], Loss: 0.0201

Epoch [121/200], Loss: 0.0191

Epoch [122/200], Loss: 0.0185

Epoch [123/200], Loss: 0.0190

Epoch [124/200], Loss: 0.0189

Epoch [125/200], Loss: 0.0172

Epoch [126/200], Loss: 0.0184

Epoch [127/200], Loss: 0.0188

Epoch [128/200], Loss: 0.0183

Epoch [129/200], Loss: 0.0185

Epoch [130/200], Loss: 0.0180

Epoch [131/200], Loss: 0.0171

Epoch [132/200], Loss: 0.0175

Epoch [133/200], Loss: 0.0172

Epoch [134/200], Loss: 0.0195

Epoch [135/200], Loss: 0.0170

Epoch [136/200], Loss: 0.0160

Epoch [137/200], Loss: 0.0165

Epoch [138/200], Loss: 0.0174

Epoch [139/200], Loss: 0.0179

Epoch [140/200], Loss: 0.0172

Epoch [141/200], Loss: 0.0189

Epoch [142/200], Loss: 0.0191

Epoch [143/200], Loss: 0.0179

Epoch [144/200], Loss: 0.0185

Epoch [145/200], Loss: 0.0167

Epoch [146/200], Loss: 0.0182

Epoch [147/200], Loss: 0.0158

Epoch [148/200], Loss: 0.0155

Epoch [149/200], Loss: 0.0161

Epoch [150/200], Loss: 0.0156

Epoch [151/200], Loss: 0.0161

Epoch [152/200], Loss: 0.0159

Epoch [153/200], Loss: 0.0163

Epoch [154/200], Loss: 0.0168

Epoch [155/200], Loss: 0.0166

Epoch [156/200], Loss: 0.0158

Epoch [157/200], Loss: 0.0173

Epoch [158/200], Loss: 0.0168

Epoch [159/200], Loss: 0.0171

Epoch [160/200], Loss: 0.0156

Epoch [161/200], Loss: 0.0178

Epoch [162/200], Loss: 0.0172

Epoch [163/200], Loss: 0.0171

Epoch [164/200], Loss: 0.0152

Epoch [165/200], Loss: 0.0154

Epoch [166/200], Loss: 0.0145

Epoch [167/200], Loss: 0.0160

Epoch [168/200], Loss: 0.0176

Epoch [169/200], Loss: 0.0151

Epoch [170/200], Loss: 0.0169

Epoch [171/200], Loss: 0.0166

Epoch [172/200], Loss: 0.0161

Epoch [173/200], Loss: 0.0150

Epoch [174/200], Loss: 0.0164

Epoch [175/200], Loss: 0.0162

Epoch [176/200], Loss: 0.0152

Epoch [177/200], Loss: 0.0141

Epoch [178/200], Loss: 0.0153

Epoch [179/200], Loss: 0.0151

Epoch [180/200], Loss: 0.0149

Epoch [181/200], Loss: 0.0161

Epoch [182/200], Loss: 0.0165

Epoch [183/200], Loss: 0.0158

Epoch [184/200], Loss: 0.0149

Epoch [185/200], Loss: 0.0171

Epoch [186/200], Loss: 0.0155

Epoch [187/200], Loss: 0.0153

Epoch [188/200], Loss: 0.0161

Epoch [189/200], Loss: 0.0162

Epoch [190/200], Loss: 0.0177

Epoch [191/200], Loss: 0.0167

Epoch [192/200], Loss: 0.0153

Epoch [193/200], Loss: 0.0168

Epoch [194/200], Loss: 0.0152

Epoch [195/200], Loss: 0.0188

Epoch [196/200], Loss: 0.0166

Epoch [197/200], Loss: 0.0147

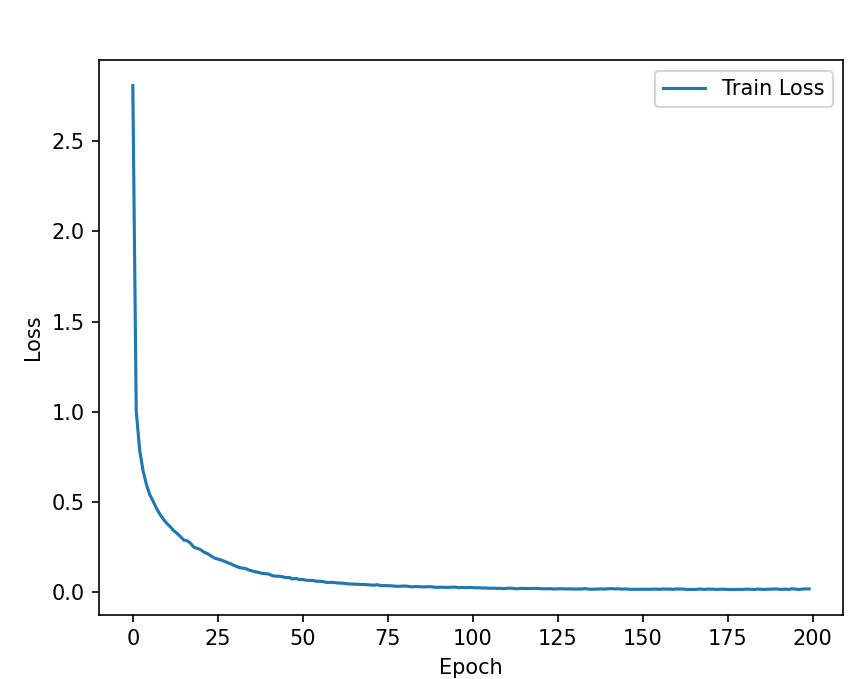
Epoch [198/200], Loss: 0.0169

Epoch [199/200], Loss: 0.0180

Epoch [200/200], Loss: 0.0181

Training finished!

Test Loss Rate: 10.71 %



Resnet50\_cifar10\_original:

Epoch: 0

Loss: 2.635 | Acc: 17.382% (8691/50000)

Loss: 1.924 | Acc: 25.820% (2582/10000)

Epoch: 1

Loss: 1.775 | Acc: 32.688% (16344/50000)

Loss: 1.585 | Acc: 41.230% (4123/10000)

Epoch: 2

Loss: 1.607 | Acc: 40.414% (20207/50000)

Loss: 1.561 | Acc: 41.650% (4165/10000)

Epoch: 3

Loss: 1.440 | Acc: 47.046% (23523/50000)

Loss: 1.372 | Acc: 49.120% (4912/10000)

Epoch: 4

Loss: 1.249 | Acc: 54.588% (27294/50000)

Loss: 1.220 | Acc: 56.000% (5600/10000)

Epoch: 5

Loss: 1.075 | Acc: 61.620% (30810/50000)

Loss: 1.060 | Acc: 62.130% (6213/10000)

Epoch: 6

Loss: 0.958 | Acc: 65.900% (32950/50000)

Loss: 1.212 | Acc: 59.460% (5946/10000)

Epoch: 7

Loss: 0.865 | Acc: 69.260% (34630/50000)

Loss: 0.919 | Acc: 67.690% (6769/10000)

Epoch: 8

Loss: 0.777 | Acc: 72.814% (36407/50000)

Loss: 0.814 | Acc: 72.230% (7223/10000)

Epoch: 9

Loss: 0.699 | Acc: 75.690% (37845/50000)

Loss: 0.801 | Acc: 73.340% (7334/10000)

Epoch: 10

Loss: 0.664 | Acc: 77.198% (38599/50000)

Loss: 0.708 | Acc: 75.680% (7568/10000)

Epoch: 11

Loss: 0.624 | Acc: 78.482% (39241/50000)

Loss: 0.755 | Acc: 74.940% (7494/10000)

Epoch: 12

Loss: 0.603 | Acc: 79.302% (39651/50000)

Loss: 0.922 | Acc: 71.400% (7140/10000)

Epoch: 13

Loss: 0.582 | Acc: 80.040% (40020/50000)

Loss: 0.793 | Acc: 74.730% (7473/10000)

Epoch: 14

Loss: 0.570 | Acc: 80.546% (40273/50000)

Loss: 0.894 | Acc: 70.640% (7064/10000)

Epoch: 15

Loss: 0.552 | Acc: 81.018% (40509/50000)

Loss: 0.725 | Acc: 75.860% (7586/10000)

Epoch: 16

Loss: 0.536 | Acc: 81.638% (40819/50000)

Loss: 0.869 | Acc: 72.770% (7277/10000)

Epoch: 17

Loss: 0.532 | Acc: 81.606% (40803/50000)

Loss: 0.734 | Acc: 75.810% (7581/10000)

Epoch: 18

Loss: 0.518 | Acc: 81.946% (40973/50000)

Loss: 0.594 | Acc: 80.260% (8026/10000)

Epoch: 19

Loss: 0.502 | Acc: 82.748% (41374/50000)

Loss: 0.650 | Acc: 78.270% (7827/10000)

Epoch: 20

Loss: 0.491 | Acc: 83.174% (41587/50000)

Loss: 0.890 | Acc: 71.680% (7168/10000)

Epoch: 21

Loss: 0.483 | Acc: 83.446% (41723/50000)

Loss: 0.629 | Acc: 79.880% (7988/10000)

Epoch: 22

Loss: 0.486 | Acc: 83.310% (41655/50000)

Loss: 1.001 | Acc: 70.330% (7033/10000)

Epoch: 23

Loss: 0.468 | Acc: 83.936% (41968/50000)

Loss: 0.571 | Acc: 80.400% (8040/10000)

Epoch: 24

Loss: 0.462 | Acc: 84.142% (42071/50000)

Loss: 0.733 | Acc: 76.550% (7655/10000)

Epoch: 25

Loss: 0.469 | Acc: 83.862% (41931/50000)

Loss: 0.683 | Acc: 78.070% (7807/10000)

Epoch: 26

Loss: 0.449 | Acc: 84.384% (42192/50000)

Loss: 0.494 | Acc: 82.920% (8292/10000)

Epoch: 27

Loss: 0.448 | Acc: 84.550% (42275/50000)

Loss: 0.803 | Acc: 74.930% (7493/10000)

Epoch: 28

Loss: 0.444 | Acc: 84.710% (42355/50000)

Loss: 0.694 | Acc: 77.630% (7763/10000)

Epoch: 29

Loss: 0.433 | Acc: 85.150% (42575/50000)

Loss: 0.607 | Acc: 80.250% (8025/10000)

Epoch: 30

Loss: 0.435 | Acc: 85.132% (42566/50000)

Loss: 0.529 | Acc: 81.450% (8145/10000)

Epoch: 31

Loss: 0.425 | Acc: 85.432% (42716/50000)

Loss: 0.705 | Acc: 76.960% (7696/10000)

Epoch: 32

Loss: 0.424 | Acc: 85.412% (42706/50000)

Loss: 0.754 | Acc: 75.960% (7596/10000)

Epoch: 33

Loss: 0.419 | Acc: 85.622% (42811/50000)

Loss: 0.758 | Acc: 76.980% (7698/10000)

Epoch: 34

Loss: 0.416 | Acc: 85.762% (42881/50000)

Loss: 0.496 | Acc: 83.110% (8311/10000)

Epoch: 35

Loss: 0.412 | Acc: 85.866% (42933/50000)

Loss: 0.500 | Acc: 83.300% (8330/10000)

Epoch: 36

Loss: 0.410 | Acc: 85.864% (42932/50000)

Loss: 0.643 | Acc: 79.090% (7909/10000)

Epoch: 37

Loss: 0.396 | Acc: 86.588% (43294/50000)

Loss: 0.569 | Acc: 81.350% (8135/10000)

Epoch: 38

Loss: 0.391 | Acc: 86.656% (43328/50000)

Loss: 0.624 | Acc: 79.930% (7993/10000)

Epoch: 39

Loss: 0.392 | Acc: 86.474% (43237/50000)

Loss: 0.658 | Acc: 78.420% (7842/10000)

Epoch: 40

Loss: 0.395 | Acc: 86.424% (43212/50000)

Loss: 0.621 | Acc: 80.200% (8020/10000)

Epoch: 41

Loss: 0.388 | Acc: 86.574% (43287/50000)

Loss: 0.589 | Acc: 80.970% (8097/10000)

Epoch: 42

Loss: 0.380 | Acc: 86.820% (43410/50000)

Loss: 0.705 | Acc: 77.120% (7712/10000)

Epoch: 43

Loss: 0.378 | Acc: 87.070% (43535/50000)

Loss: 0.619 | Acc: 80.060% (8006/10000)

Epoch: 44

Loss: 0.382 | Acc: 87.014% (43507/50000)

Loss: 0.579 | Acc: 80.610% (8061/10000)

Epoch: 45

Loss: 0.375 | Acc: 87.092% (43546/50000)

Loss: 0.628 | Acc: 80.140% (8014/10000)

Epoch: 46

Loss: 0.374 | Acc: 87.146% (43573/50000)

Loss: 0.571 | Acc: 81.210% (8121/10000)

Epoch: 47

Loss: 0.369 | Acc: 87.288% (43644/50000)

Loss: 0.791 | Acc: 77.740% (7774/10000)

Epoch: 48

Loss: 0.369 | Acc: 87.224% (43612/50000)

Loss: 0.512 | Acc: 82.990% (8299/10000)

Epoch: 49

Loss: 0.361 | Acc: 87.702% (43851/50000)

Loss: 0.445 | Acc: 85.170% (8517/10000)

Epoch: 50

Loss: 0.359 | Acc: 87.560% (43780/50000)

Loss: 0.492 | Acc: 83.760% (8376/10000)

Epoch: 51

Loss: 0.357 | Acc: 87.664% (43832/50000)

Loss: 0.510 | Acc: 83.420% (8342/10000)

Epoch: 52

Loss: 0.356 | Acc: 87.784% (43892/50000)

Loss: 0.453 | Acc: 84.890% (8489/10000)

Epoch: 53

Loss: 0.358 | Acc: 87.808% (43904/50000)

Loss: 0.472 | Acc: 84.260% (8426/10000)

Epoch: 54

Loss: 0.350 | Acc: 87.880% (43940/50000)

Loss: 0.541 | Acc: 82.680% (8268/10000)

Epoch: 55

Loss: 0.347 | Acc: 87.968% (43984/50000)

Loss: 0.952 | Acc: 73.080% (7308/10000)

Epoch: 56

Loss: 0.347 | Acc: 88.046% (44023/50000)

Loss: 0.685 | Acc: 78.140% (7814/10000)

Epoch: 57

Loss: 0.342 | Acc: 88.336% (44168/50000)

Loss: 0.716 | Acc: 77.580% (7758/10000)

Epoch: 58

Loss: 0.340 | Acc: 88.242% (44121/50000)

Loss: 0.509 | Acc: 83.330% (8333/10000)

Epoch: 59

Loss: 0.336 | Acc: 88.428% (44214/50000)

Loss: 0.482 | Acc: 83.870% (8387/10000)

Epoch: 60

Loss: 0.337 | Acc: 88.304% (44152/50000)

Loss: 0.544 | Acc: 83.060% (8306/10000)

Epoch: 61

Loss: 0.330 | Acc: 88.802% (44401/50000)

Loss: 0.490 | Acc: 84.160% (8416/10000)

Epoch: 62

Loss: 0.333 | Acc: 88.438% (44219/50000)

Loss: 0.437 | Acc: 85.560% (8556/10000)

Epoch: 63

Loss: 0.332 | Acc: 88.734% (44367/50000)

Loss: 0.586 | Acc: 81.480% (8148/10000)

Epoch: 64

Loss: 0.329 | Acc: 88.770% (44385/50000)

Loss: 0.469 | Acc: 84.780% (8478/10000)

Epoch: 65

Loss: 0.317 | Acc: 89.168% (44584/50000)

Loss: 0.587 | Acc: 81.710% (8171/10000)

Epoch: 66

Loss: 0.323 | Acc: 88.888% (44444/50000)

Loss: 0.452 | Acc: 85.610% (8561/10000)

Epoch: 67

Loss: 0.316 | Acc: 89.262% (44631/50000)

Loss: 0.460 | Acc: 85.420% (8542/10000)

Epoch: 68

Loss: 0.322 | Acc: 88.970% (44485/50000)

Loss: 0.544 | Acc: 82.920% (8292/10000)

Epoch: 69

Loss: 0.317 | Acc: 88.954% (44477/50000)

Loss: 0.573 | Acc: 81.800% (8180/10000)

Epoch: 70

Loss: 0.313 | Acc: 89.170% (44585/50000)

Loss: 0.459 | Acc: 85.100% (8510/10000)

Epoch: 71

Loss: 0.308 | Acc: 89.532% (44766/50000)

Loss: 0.544 | Acc: 82.560% (8256/10000)

Epoch: 72

Loss: 0.300 | Acc: 89.676% (44838/50000)

Loss: 0.537 | Acc: 83.020% (8302/10000)

Epoch: 73

Loss: 0.306 | Acc: 89.408% (44704/50000)

Loss: 0.575 | Acc: 82.000% (8200/10000)

Epoch: 74

Loss: 0.303 | Acc: 89.636% (44818/50000)

Loss: 0.510 | Acc: 83.610% (8361/10000)

Epoch: 75

Loss: 0.296 | Acc: 89.918% (44959/50000)

Loss: 0.482 | Acc: 84.180% (8418/10000)

Epoch: 76

Loss: 0.294 | Acc: 89.886% (44943/50000)

Loss: 0.365 | Acc: 88.150% (8815/10000)

Epoch: 77

Loss: 0.294 | Acc: 89.846% (44923/50000)

Loss: 0.408 | Acc: 86.270% (8627/10000)

Epoch: 78

Loss: 0.290 | Acc: 89.956% (44978/50000)

Loss: 0.417 | Acc: 86.390% (8639/10000)

Epoch: 79

Loss: 0.287 | Acc: 90.084% (45042/50000)

Loss: 0.579 | Acc: 81.680% (8168/10000)

Epoch: 80

Loss: 0.286 | Acc: 90.046% (45023/50000)

Loss: 0.435 | Acc: 85.680% (8568/10000)

Epoch: 81

Loss: 0.279 | Acc: 90.382% (45191/50000)

Loss: 0.478 | Acc: 84.360% (8436/10000)

Epoch: 82

Loss: 0.279 | Acc: 90.516% (45258/50000)

Loss: 0.387 | Acc: 86.990% (8699/10000)

Epoch: 83

Loss: 0.272 | Acc: 90.594% (45297/50000)

Loss: 0.510 | Acc: 83.480% (8348/10000)

Epoch: 84

Loss: 0.280 | Acc: 90.320% (45160/50000)

Loss: 0.431 | Acc: 85.910% (8591/10000)

Epoch: 85

Loss: 0.271 | Acc: 90.736% (45368/50000)

Loss: 0.487 | Acc: 84.900% (8490/10000)

Epoch: 86

Loss: 0.274 | Acc: 90.714% (45357/50000)

Loss: 0.476 | Acc: 84.390% (8439/10000)

Epoch: 87

Loss: 0.263 | Acc: 90.886% (45443/50000)

Loss: 0.535 | Acc: 83.550% (8355/10000)

Epoch: 88

Loss: 0.263 | Acc: 90.994% (45497/50000)

Loss: 0.516 | Acc: 83.970% (8397/10000)

Epoch: 89

Loss: 0.265 | Acc: 90.924% (45462/50000)

Loss: 0.431 | Acc: 85.920% (8592/10000)

Epoch: 90

Loss: 0.256 | Acc: 91.130% (45565/50000)

Loss: 0.373 | Acc: 87.980% (8798/10000)

Epoch: 91

Loss: 0.261 | Acc: 91.018% (45509/50000)

Loss: 0.374 | Acc: 87.420% (8742/10000)

Epoch: 92

Loss: 0.252 | Acc: 91.426% (45713/50000)

Loss: 0.363 | Acc: 88.250% (8825/10000)

Epoch: 93

Loss: 0.251 | Acc: 91.422% (45711/50000)

Loss: 0.438 | Acc: 85.700% (8570/10000)

Epoch: 94

Loss: 0.244 | Acc: 91.670% (45835/50000)

Loss: 0.426 | Acc: 86.300% (8630/10000)

Epoch: 95

Loss: 0.247 | Acc: 91.520% (45760/50000)

Loss: 0.345 | Acc: 88.320% (8832/10000)

Epoch: 96

Loss: 0.241 | Acc: 91.680% (45840/50000)

Loss: 0.407 | Acc: 87.160% (8716/10000)

Epoch: 97

Loss: 0.241 | Acc: 91.632% (45816/50000)

Loss: 0.587 | Acc: 81.200% (8120/10000)

Epoch: 98

Loss: 0.237 | Acc: 91.760% (45880/50000)

Loss: 0.422 | Acc: 86.440% (8644/10000)

Epoch: 99

Loss: 0.233 | Acc: 91.862% (45931/50000)

Loss: 0.384 | Acc: 87.510% (8751/10000)

Epoch: 100

Loss: 0.225 | Acc: 92.128% (46064/50000)

Loss: 0.514 | Acc: 84.040% (8404/10000)

Epoch: 101

Loss: 0.225 | Acc: 92.434% (46217/50000)

Loss: 0.396 | Acc: 87.140% (8714/10000)

Epoch: 102

Loss: 0.223 | Acc: 92.300% (46150/50000)

Loss: 0.651 | Acc: 80.770% (8077/10000)

Epoch: 103

Loss: 0.222 | Acc: 92.264% (46132/50000)

Loss: 0.392 | Acc: 87.340% (8734/10000)

Epoch: 104

Loss: 0.212 | Acc: 92.732% (46366/50000)

Loss: 0.429 | Acc: 86.030% (8603/10000)

Epoch: 105

Loss: 0.215 | Acc: 92.676% (46338/50000)

Loss: 0.394 | Acc: 87.420% (8742/10000)

Epoch: 106

Loss: 0.210 | Acc: 92.732% (46366/50000)

Loss: 0.361 | Acc: 88.090% (8809/10000)

Epoch: 107

Loss: 0.204 | Acc: 92.886% (46443/50000)

Loss: 0.445 | Acc: 86.510% (8651/10000)

Epoch: 108

Loss: 0.208 | Acc: 92.788% (46394/50000)

Loss: 0.501 | Acc: 84.230% (8423/10000)

Epoch: 109

Loss: 0.203 | Acc: 92.936% (46468/50000)

Loss: 0.340 | Acc: 88.970% (8897/10000)

Epoch: 110

Loss: 0.198 | Acc: 93.164% (46582/50000)

Loss: 0.298 | Acc: 90.140% (9014/10000)

Epoch: 111

Loss: 0.190 | Acc: 93.330% (46665/50000)

Loss: 0.377 | Acc: 87.870% (8787/10000)

Epoch: 112

Loss: 0.195 | Acc: 93.184% (46592/50000)

Loss: 0.391 | Acc: 88.150% (8815/10000)

Epoch: 113

Loss: 0.188 | Acc: 93.612% (46806/50000)

Loss: 0.400 | Acc: 87.850% (8785/10000)

Epoch: 114

Loss: 0.188 | Acc: 93.538% (46769/50000)

Loss: 0.292 | Acc: 90.390% (9039/10000)

Epoch: 115

Loss: 0.176 | Acc: 94.038% (47019/50000)

Loss: 0.384 | Acc: 88.020% (8802/10000)

Epoch: 116

Loss: 0.180 | Acc: 93.758% (46879/50000)

Loss: 0.370 | Acc: 88.150% (8815/10000)

Epoch: 117

Loss: 0.175 | Acc: 94.030% (47015/50000)

Loss: 0.359 | Acc: 88.970% (8897/10000)

Epoch: 118

Loss: 0.170 | Acc: 94.162% (47081/50000)

Loss: 0.341 | Acc: 89.050% (8905/10000)

Epoch: 119

Loss: 0.168 | Acc: 94.270% (47135/50000)

Loss: 0.349 | Acc: 89.070% (8907/10000)

Epoch: 120

Loss: 0.160 | Acc: 94.464% (47232/50000)

Loss: 0.366 | Acc: 88.390% (8839/10000)

Epoch: 121

Loss: 0.162 | Acc: 94.454% (47227/50000)

Loss: 0.443 | Acc: 86.760% (8676/10000)

Epoch: 122

Loss: 0.162 | Acc: 94.398% (47199/50000)

Loss: 0.312 | Acc: 89.660% (8966/10000)

Epoch: 123

Loss: 0.150 | Acc: 94.816% (47408/50000)

Loss: 0.301 | Acc: 90.510% (9051/10000)

Epoch: 124

Loss: 0.152 | Acc: 94.726% (47363/50000)

Loss: 0.351 | Acc: 89.290% (8929/10000)

Epoch: 125

Loss: 0.147 | Acc: 94.922% (47461/50000)

Loss: 0.421 | Acc: 87.060% (8706/10000)

Epoch: 126

Loss: 0.147 | Acc: 94.972% (47486/50000)

Loss: 0.371 | Acc: 88.630% (8863/10000)

Epoch: 127

Loss: 0.143 | Acc: 95.132% (47566/50000)

Loss: 0.296 | Acc: 90.620% (9062/10000)

Epoch: 128

Loss: 0.140 | Acc: 95.182% (47591/50000)

Loss: 0.323 | Acc: 89.720% (8972/10000)

Epoch: 129

Loss: 0.131 | Acc: 95.458% (47729/50000)

Loss: 0.334 | Acc: 89.840% (8984/10000)

Epoch: 130

Loss: 0.126 | Acc: 95.614% (47807/50000)

Loss: 0.332 | Acc: 89.850% (8985/10000)

Epoch: 131

Loss: 0.127 | Acc: 95.626% (47813/50000)

Loss: 0.366 | Acc: 89.320% (8932/10000)

Epoch: 132

Loss: 0.124 | Acc: 95.652% (47826/50000)

Loss: 0.329 | Acc: 89.740% (8974/10000)

Epoch: 133

Loss: 0.122 | Acc: 95.782% (47891/50000)

Loss: 0.300 | Acc: 90.910% (9091/10000)

Epoch: 134

Loss: 0.115 | Acc: 96.008% (48004/50000)

Loss: 0.315 | Acc: 90.530% (9053/10000)

Epoch: 135

Loss: 0.114 | Acc: 96.092% (48046/50000)

Loss: 0.350 | Acc: 89.440% (8944/10000)

Epoch: 136

Loss: 0.103 | Acc: 96.460% (48230/50000)

Loss: 0.327 | Acc: 90.020% (9002/10000)

Epoch: 137

Loss: 0.103 | Acc: 96.482% (48241/50000)

Loss: 0.336 | Acc: 90.030% (9003/10000)

Epoch: 138

Loss: 0.104 | Acc: 96.396% (48198/50000)

Loss: 0.280 | Acc: 91.300% (9130/10000)

Epoch: 139

Loss: 0.094 | Acc: 96.784% (48392/50000)

Loss: 0.304 | Acc: 91.040% (9104/10000)

Epoch: 140

Loss: 0.091 | Acc: 96.922% (48461/50000)

Loss: 0.272 | Acc: 91.510% (9151/10000)

Epoch: 141

Loss: 0.091 | Acc: 96.890% (48445/50000)

Loss: 0.301 | Acc: 91.150% (9115/10000)

Epoch: 142

Loss: 0.084 | Acc: 97.096% (48548/50000)

Loss: 0.303 | Acc: 91.330% (9133/10000)

Epoch: 143

Loss: 0.079 | Acc: 97.320% (48660/50000)

Loss: 0.262 | Acc: 92.070% (9207/10000)

Epoch: 144

Loss: 0.076 | Acc: 97.380% (48690/50000)

Loss: 0.316 | Acc: 90.630% (9063/10000)

Epoch: 145

Loss: 0.078 | Acc: 97.284% (48642/50000)

Loss: 0.289 | Acc: 91.490% (9149/10000)

Epoch: 146

Loss: 0.074 | Acc: 97.462% (48731/50000)

Loss: 0.267 | Acc: 92.260% (9226/10000)

Epoch: 147

Loss: 0.064 | Acc: 97.808% (48904/50000)

Loss: 0.346 | Acc: 90.700% (9070/10000)

Epoch: 148

Loss: 0.064 | Acc: 97.856% (48928/50000)

Loss: 0.270 | Acc: 92.330% (9233/10000)

Epoch: 149

Loss: 0.060 | Acc: 97.958% (48979/50000)

Loss: 0.292 | Acc: 91.950% (9195/10000)

Epoch: 150

Loss: 0.062 | Acc: 97.848% (48924/50000)

Loss: 0.281 | Acc: 91.890% (9189/10000)

Epoch: 151

Loss: 0.052 | Acc: 98.346% (49173/50000)

Loss: 0.272 | Acc: 92.410% (9241/10000)

Epoch: 152

Loss: 0.052 | Acc: 98.272% (49136/50000)

Loss: 0.300 | Acc: 92.040% (9204/10000)

Epoch: 153

Loss: 0.045 | Acc: 98.442% (49221/50000)

Loss: 0.277 | Acc: 92.390% (9239/10000)

Epoch: 154

Loss: 0.047 | Acc: 98.446% (49223/50000)

Loss: 0.239 | Acc: 93.200% (9320/10000)

Epoch: 155

Loss: 0.042 | Acc: 98.630% (49315/50000)

Loss: 0.232 | Acc: 93.520% (9352/10000)

Epoch: 156

Loss: 0.039 | Acc: 98.768% (49384/50000)

Loss: 0.298 | Acc: 92.170% (9217/10000)

Epoch: 157

Loss: 0.036 | Acc: 98.886% (49443/50000)

Loss: 0.265 | Acc: 92.890% (9289/10000)

Epoch: 158

Loss: 0.030 | Acc: 99.062% (49531/50000)

Loss: 0.275 | Acc: 92.710% (9271/10000)

Epoch: 159

Loss: 0.026 | Acc: 99.160% (49580/50000)

Loss: 0.245 | Acc: 93.290% (9329/10000)

Epoch: 160

Loss: 0.026 | Acc: 99.170% (49585/50000)

Loss: 0.249 | Acc: 93.390% (9339/10000)

Epoch: 161

Loss: 0.028 | Acc: 99.110% (49555/50000)

Loss: 0.253 | Acc: 93.370% (9337/10000)

Epoch: 162

Loss: 0.020 | Acc: 99.416% (49708/50000)

Loss: 0.242 | Acc: 93.740% (9374/10000)

Epoch: 163

Loss: 0.018 | Acc: 99.456% (49728/50000)

Loss: 0.237 | Acc: 93.720% (9372/10000)

Epoch: 164

Loss: 0.014 | Acc: 99.574% (49787/50000)

Loss: 0.241 | Acc: 93.770% (9377/10000)

Epoch: 165

Loss: 0.014 | Acc: 99.596% (49798/50000)

Loss: 0.222 | Acc: 94.040% (9404/10000)

Epoch: 166

Loss: 0.013 | Acc: 99.612% (49806/50000)

Loss: 0.213 | Acc: 94.550% (9455/10000)

Epoch: 167

Loss: 0.010 | Acc: 99.728% (49864/50000)

Loss: 0.234 | Acc: 94.080% (9408/10000)

Epoch: 168

Loss: 0.008 | Acc: 99.796% (49898/50000)

Loss: 0.228 | Acc: 94.120% (9412/10000)

Epoch: 169

Loss: 0.008 | Acc: 99.800% (49900/50000)

Loss: 0.237 | Acc: 94.220% (9422/10000)

Epoch: 170

Loss: 0.007 | Acc: 99.844% (49922/50000)

Loss: 0.225 | Acc: 94.550% (9455/10000)

Epoch: 171

Loss: 0.006 | Acc: 99.852% (49926/50000)

Loss: 0.227 | Acc: 94.420% (9442/10000)

Epoch: 172

Loss: 0.004 | Acc: 99.940% (49970/50000)

Loss: 0.207 | Acc: 94.890% (9489/10000)

Epoch: 173

Loss: 0.004 | Acc: 99.942% (49971/50000)

Loss: 0.203 | Acc: 94.860% (9486/10000)

Epoch: 174

Loss: 0.003 | Acc: 99.938% (49969/50000)

Loss: 0.207 | Acc: 95.100% (9510/10000)

Epoch: 175

Loss: 0.003 | Acc: 99.956% (49978/50000)

Loss: 0.198 | Acc: 95.120% (9512/10000)

Epoch: 176

Loss: 0.003 | Acc: 99.936% (49968/50000)

Loss: 0.202 | Acc: 95.170% (9517/10000)

Epoch: 177

Loss: 0.003 | Acc: 99.954% (49977/50000)

Loss: 0.196 | Acc: 95.330% (9533/10000)

Epoch: 178

Loss: 0.003 | Acc: 99.966% (49983/50000)

Loss: 0.202 | Acc: 95.300% (9530/10000)

Epoch: 179

Loss: 0.002 | Acc: 99.986% (49993/50000)

Loss: 0.198 | Acc: 95.290% (9529/10000)

Epoch: 180

Loss: 0.002 | Acc: 99.982% (49991/50000)

Loss: 0.195 | Acc: 95.360% (9536/10000)

Epoch: 181

Loss: 0.002 | Acc: 99.980% (49990/50000)

Loss: 0.194 | Acc: 95.300% (9530/10000)

Epoch: 182

Loss: 0.002 | Acc: 99.984% (49992/50000)

Loss: 0.191 | Acc: 95.450% (9545/10000)

Epoch: 183

Loss: 0.002 | Acc: 99.982% (49991/50000)

Loss: 0.190 | Acc: 95.490% (9549/10000)

Epoch: 184

Loss: 0.002 | Acc: 99.988% (49994/50000)

Loss: 0.190 | Acc: 95.500% (9550/10000)

Epoch: 185

Loss: 0.002 | Acc: 99.988% (49994/50000)

Loss: 0.190 | Acc: 95.370% (9537/10000)

Epoch: 186

Loss: 0.002 | Acc: 99.988% (49994/50000)

Loss: 0.190 | Acc: 95.480% (9548/10000)

Epoch: 187

Loss: 0.002 | Acc: 99.992% (49996/50000)

Loss: 0.189 | Acc: 95.430% (9543/10000)

Epoch: 188

Loss: 0.001 | Acc: 99.990% (49995/50000)

Loss: 0.188 | Acc: 95.440% (9544/10000)

Epoch: 189

Loss: 0.001 | Acc: 99.996% (49998/50000)

Loss: 0.189 | Acc: 95.420% (9542/10000)

Epoch: 190

Loss: 0.002 | Acc: 99.990% (49995/50000)

Loss: 0.185 | Acc: 95.400% (9540/10000)

Epoch: 191

Loss: 0.002 | Acc: 99.986% (49993/50000)

Loss: 0.187 | Acc: 95.470% (9547/10000)

Epoch: 192

Loss: 0.002 | Acc: 99.988% (49994/50000)

Loss: 0.189 | Acc: 95.460% (9546/10000)

Epoch: 193

Loss: 0.001 | Acc: 99.996% (49998/50000)

Loss: 0.188 | Acc: 95.480% (9548/10000)

Epoch: 194

Loss: 0.001 | Acc: 99.998% (49999/50000)

Loss: 0.187 | Acc: 95.440% (9544/10000)

Epoch: 195

Loss: 0.001 | Acc: 99.992% (49996/50000)

Loss: 0.189 | Acc: 95.370% (9537/10000)

Epoch: 196

Loss: 0.002 | Acc: 99.992% (49996/50000)

Loss: 0.188 | Acc: 95.450% (9545/10000)

Epoch: 197

Loss: 0.001 | Acc: 99.990% (49995/50000)

Loss: 0.190 | Acc: 95.430% (9543/10000)

Epoch: 198

Loss: 0.001 | Acc: 99.998% (49999/50000)

Loss: 0.187 | Acc: 95.490% (9549/10000)

Epoch: 199

Loss: 0.001 | Acc: 99.994% (49997/50000)

Loss: 0.186 | Acc: 95.530% (9553/10000)

Vgg19\_original\_tiny:

Epoch: 0

Train Loss: 5.293 | Acc: 1.497% (1497/100000)

Test Loss: 5.120 | Acc: 2.300% (230/10000)

Epoch: 1

Train Loss: 4.852 | Acc: 3.963% (3963/100000)

Test Loss: 4.865 | Acc: 4.450% (445/10000)

Epoch: 2

Train Loss: 4.549 | Acc: 6.362% (6362/100000)

Test Loss: 4.479 | Acc: 7.280% (728/10000)

Epoch: 3

Train Loss: 4.399 | Acc: 7.973% (7973/100000)

Test Loss: 4.321 | Acc: 8.590% (859/10000)

Epoch: 4

Train Loss: 4.299 | Acc: 9.027% (9027/100000)

Test Loss: 4.327 | Acc: 8.340% (834/10000)

Epoch: 5

Train Loss: 4.219 | Acc: 10.002% (10002/100000)

Test Loss: 4.476 | Acc: 8.970% (897/10000)

Epoch: 6

Train Loss: 4.163 | Acc: 11.038% (11038/100000)

Test Loss: 4.420 | Acc: 8.970% (897/10000)

Epoch: 7

Train Loss: 4.111 | Acc: 11.812% (11812/100000)

Test Loss: 4.591 | Acc: 8.690% (869/10000)

Epoch: 8

Train Loss: 4.075 | Acc: 12.334% (12334/100000)

Test Loss: 4.366 | Acc: 9.870% (987/10000)

Epoch: 9

Train Loss: 4.044 | Acc: 12.884% (12884/100000)

Test Loss: 4.099 | Acc: 12.530% (1253/10000)

Epoch: 10

Train Loss: 4.026 | Acc: 13.046% (13046/100000)

Test Loss: 4.397 | Acc: 10.730% (1073/10000)

Epoch: 11

Train Loss: 4.002 | Acc: 13.501% (13501/100000)

Test Loss: 4.333 | Acc: 11.500% (1150/10000)

Epoch: 12

Train Loss: 3.978 | Acc: 13.886% (13886/100000)

Test Loss: 4.324 | Acc: 10.970% (1097/10000)

Epoch: 13

Train Loss: 3.965 | Acc: 14.084% (14084/100000)

Test Loss: 4.291 | Acc: 11.050% (1105/10000)

Epoch: 14

Train Loss: 3.949 | Acc: 14.234% (14234/100000)

Test Loss: 4.206 | Acc: 12.180% (1218/10000)

Epoch: 15

Train Loss: 3.938 | Acc: 14.679% (14679/100000)

Test Loss: 4.355 | Acc: 11.410% (1141/10000)

Epoch: 16

Train Loss: 3.925 | Acc: 14.646% (14646/100000)

Test Loss: 4.095 | Acc: 12.520% (1252/10000)

Epoch: 17

Train Loss: 3.919 | Acc: 14.787% (14787/100000)

Test Loss: 4.303 | Acc: 11.430% (1143/10000)

Epoch: 18

Train Loss: 3.903 | Acc: 15.111% (15111/100000)

Test Loss: 4.278 | Acc: 12.110% (1211/10000)

Epoch: 19

Train Loss: 3.889 | Acc: 15.334% (15334/100000)

Test Loss: 4.314 | Acc: 10.980% (1098/10000)

Epoch: 20

Train Loss: 3.883 | Acc: 15.279% (15279/100000)

Test Loss: 4.127 | Acc: 13.550% (1355/10000)

Epoch: 21

Train Loss: 3.874 | Acc: 15.584% (15584/100000)

Test Loss: 4.022 | Acc: 14.090% (1409/10000)

Epoch: 22

Train Loss: 3.869 | Acc: 15.781% (15781/100000)

Test Loss: 4.527 | Acc: 9.440% (944/10000)

Epoch: 23

Train Loss: 3.853 | Acc: 16.089% (16089/100000)

Test Loss: 4.727 | Acc: 10.690% (1069/10000)

Epoch: 24

Train Loss: 3.853 | Acc: 16.095% (16095/100000)

Test Loss: 4.184 | Acc: 13.080% (1308/10000)

Epoch: 25

Train Loss: 3.846 | Acc: 15.945% (15945/100000)

Test Loss: 4.426 | Acc: 11.200% (1120/10000)

Epoch: 26

Train Loss: 3.833 | Acc: 16.287% (16287/100000)

Test Loss: 3.987 | Acc: 15.320% (1532/10000)

Epoch: 27

Train Loss: 3.829 | Acc: 16.257% (16257/100000)

Test Loss: 4.349 | Acc: 12.410% (1241/10000)

Epoch: 28

Train Loss: 3.825 | Acc: 16.285% (16285/100000)

Test Loss: 3.899 | Acc: 15.760% (1576/10000)

Epoch: 29

Train Loss: 3.817 | Acc: 16.577% (16577/100000)

Test Loss: 3.937 | Acc: 15.000% (1500/10000)

Epoch: 30

Train Loss: 3.815 | Acc: 16.511% (16511/100000)

Test Loss: 3.998 | Acc: 14.170% (1417/10000)

Epoch: 31

Train Loss: 3.812 | Acc: 16.627% (16627/100000)

Test Loss: 4.065 | Acc: 14.920% (1492/10000)

Epoch: 32

Train Loss: 3.801 | Acc: 16.667% (16667/100000)

Test Loss: 3.795 | Acc: 17.300% (1730/10000)

Epoch: 33

Train Loss: 3.794 | Acc: 16.888% (16888/100000)

Test Loss: 4.031 | Acc: 14.240% (1424/10000)

Epoch: 34

Train Loss: 3.787 | Acc: 17.068% (17068/100000)

Test Loss: 4.185 | Acc: 13.180% (1318/10000)

Epoch: 35

Train Loss: 3.782 | Acc: 17.130% (17130/100000)

Test Loss: 4.201 | Acc: 13.190% (1319/10000)

Epoch: 36

Train Loss: 3.771 | Acc: 17.299% (17299/100000)

Test Loss: 4.222 | Acc: 13.780% (1378/10000)

Epoch: 37

Train Loss: 3.769 | Acc: 17.388% (17388/100000)

Test Loss: 4.122 | Acc: 13.890% (1389/10000)

Epoch: 38

Train Loss: 3.760 | Acc: 17.497% (17497/100000)

Test Loss: 4.001 | Acc: 14.860% (1486/10000)

Epoch: 39

Train Loss: 3.753 | Acc: 17.647% (17647/100000)

Test Loss: 4.219 | Acc: 13.770% (1377/10000)

Epoch: 40

Train Loss: 3.756 | Acc: 17.523% (17523/100000)

Test Loss: 3.885 | Acc: 15.700% (1570/10000)

Epoch: 41

Train Loss: 3.747 | Acc: 17.783% (17783/100000)

Test Loss: 3.758 | Acc: 17.750% (1775/10000)

Epoch: 42

Train Loss: 3.735 | Acc: 17.995% (17995/100000)

Test Loss: 3.949 | Acc: 16.080% (1608/10000)

Epoch: 43

Train Loss: 3.734 | Acc: 17.882% (17882/100000)

Test Loss: 4.057 | Acc: 14.710% (1471/10000)

Epoch: 44

Train Loss: 3.722 | Acc: 18.162% (18162/100000)

Test Loss: 3.996 | Acc: 15.640% (1564/10000)

Epoch: 45

Train Loss: 3.717 | Acc: 18.349% (18349/100000)

Test Loss: 4.097 | Acc: 14.730% (1473/10000)

Epoch: 46

Train Loss: 3.714 | Acc: 18.178% (18178/100000)

Test Loss: 3.779 | Acc: 16.900% (1690/10000)

Epoch: 47

Train Loss: 3.703 | Acc: 18.289% (18289/100000)

Test Loss: 3.933 | Acc: 15.710% (1571/10000)

Epoch: 48

Train Loss: 3.696 | Acc: 18.615% (18615/100000)

Test Loss: 4.103 | Acc: 14.130% (1413/10000)

Epoch: 49

Train Loss: 3.694 | Acc: 18.583% (18583/100000)

Test Loss: 3.890 | Acc: 16.280% (1628/10000)

Epoch: 50

Train Loss: 3.689 | Acc: 18.630% (18630/100000)

Test Loss: 4.032 | Acc: 15.950% (1595/10000)

Epoch: 51

Train Loss: 3.674 | Acc: 18.854% (18854/100000)

Test Loss: 3.799 | Acc: 17.440% (1744/10000)

Epoch: 52

Train Loss: 3.665 | Acc: 19.063% (19063/100000)

Test Loss: 4.018 | Acc: 16.240% (1624/10000)

Epoch: 53

Train Loss: 3.655 | Acc: 19.256% (19256/100000)

Test Loss: 4.070 | Acc: 14.050% (1405/10000)

Epoch: 54

Train Loss: 3.651 | Acc: 19.385% (19385/100000)

Test Loss: 4.120 | Acc: 13.660% (1366/10000)

Epoch: 55

Train Loss: 3.650 | Acc: 19.306% (19306/100000)

Test Loss: 4.085 | Acc: 14.790% (1479/10000)

Epoch: 56

Train Loss: 3.639 | Acc: 19.293% (19293/100000)

Test Loss: 3.649 | Acc: 19.700% (1970/10000)

Epoch: 57

Train Loss: 3.629 | Acc: 19.750% (19750/100000)

Test Loss: 4.036 | Acc: 15.130% (1513/10000)

Epoch: 58

Train Loss: 3.621 | Acc: 19.814% (19814/100000)

Test Loss: 3.849 | Acc: 16.740% (1674/10000)

Epoch: 59

Train Loss: 3.615 | Acc: 19.957% (19957/100000)

Test Loss: 3.961 | Acc: 16.590% (1659/10000)

Epoch: 60

Train Loss: 3.605 | Acc: 20.171% (20171/100000)

Test Loss: 3.908 | Acc: 17.250% (1725/10000)

Epoch: 61

Train Loss: 3.592 | Acc: 20.162% (20162/100000)

Test Loss: 3.699 | Acc: 19.630% (1963/10000)

Epoch: 62

Train Loss: 3.588 | Acc: 20.382% (20382/100000)

Test Loss: 3.913 | Acc: 16.630% (1663/10000)

Epoch: 63

Train Loss: 3.573 | Acc: 20.617% (20617/100000)

Test Loss: 3.830 | Acc: 17.450% (1745/10000)

Epoch: 64

Train Loss: 3.567 | Acc: 20.729% (20729/100000)

Test Loss: 3.935 | Acc: 17.690% (1769/10000)

Epoch: 65

Train Loss: 3.558 | Acc: 20.762% (20762/100000)

Test Loss: 3.679 | Acc: 19.220% (1922/10000)

Epoch: 66

Train Loss: 3.543 | Acc: 21.189% (21189/100000)

Test Loss: 4.506 | Acc: 12.340% (1234/10000)

Epoch: 67

Train Loss: 3.538 | Acc: 21.292% (21292/100000)

Test Loss: 3.779 | Acc: 18.240% (1824/10000)

Epoch: 68

Train Loss: 3.527 | Acc: 21.347% (21347/100000)

Test Loss: 3.777 | Acc: 17.020% (1702/10000)

Epoch: 69

Train Loss: 3.513 | Acc: 21.566% (21566/100000)

Test Loss: 4.031 | Acc: 16.070% (1607/10000)

Epoch: 70

Train Loss: 3.506 | Acc: 21.824% (21824/100000)

Test Loss: 3.784 | Acc: 18.610% (1861/10000)

Epoch: 71

Train Loss: 3.494 | Acc: 21.790% (21790/100000)

Test Loss: 3.730 | Acc: 18.440% (1844/10000)

Epoch: 72

Train Loss: 3.485 | Acc: 22.148% (22148/100000)

Test Loss: 3.634 | Acc: 19.730% (1973/10000)

Epoch: 73

Train Loss: 3.479 | Acc: 22.197% (22197/100000)

Test Loss: 3.900 | Acc: 17.300% (1730/10000)

Epoch: 74

Train Loss: 3.465 | Acc: 22.317% (22317/100000)

Test Loss: 3.712 | Acc: 18.820% (1882/10000)

Epoch: 75

Train Loss: 3.460 | Acc: 22.579% (22579/100000)

Test Loss: 3.556 | Acc: 20.890% (2089/10000)

Epoch: 76

Train Loss: 3.449 | Acc: 22.753% (22753/100000)

Test Loss: 3.688 | Acc: 20.730% (2073/10000)

Epoch: 77

Train Loss: 3.440 | Acc: 23.083% (23083/100000)

Test Loss: 3.658 | Acc: 20.290% (2029/10000)

Epoch: 78

Train Loss: 3.424 | Acc: 23.211% (23211/100000)

Test Loss: 3.484 | Acc: 23.210% (2321/10000)

Epoch: 79

Train Loss: 3.407 | Acc: 23.618% (23618/100000)

Test Loss: 3.688 | Acc: 19.110% (1911/10000)

Epoch: 80

Train Loss: 3.408 | Acc: 23.457% (23457/100000)

Test Loss: 4.160 | Acc: 16.840% (1684/10000)

Epoch: 81

Train Loss: 3.393 | Acc: 23.748% (23748/100000)

Test Loss: 3.631 | Acc: 20.970% (2097/10000)

Epoch: 82

Train Loss: 3.384 | Acc: 23.920% (23920/100000)

Test Loss: 3.733 | Acc: 20.080% (2008/10000)

Epoch: 83

Train Loss: 3.368 | Acc: 24.202% (24202/100000)

Test Loss: 3.565 | Acc: 21.880% (2188/10000)

Epoch: 84

Train Loss: 3.358 | Acc: 24.377% (24377/100000)

Test Loss: 3.825 | Acc: 19.630% (1963/10000)

Epoch: 85

Train Loss: 3.342 | Acc: 24.548% (24548/100000)

Test Loss: 3.677 | Acc: 20.170% (2017/10000)

Epoch: 86

Train Loss: 3.329 | Acc: 24.909% (24909/100000)

Test Loss: 3.859 | Acc: 20.430% (2043/10000)

Epoch: 87

Train Loss: 3.325 | Acc: 24.875% (24875/100000)

Test Loss: 3.795 | Acc: 18.370% (1837/10000)

Epoch: 88

Train Loss: 3.313 | Acc: 25.092% (25092/100000)

Test Loss: 3.372 | Acc: 24.860% (2486/10000)

Epoch: 89

Train Loss: 3.292 | Acc: 25.574% (25574/100000)

Test Loss: 3.470 | Acc: 24.220% (2422/10000)

Epoch: 90

Train Loss: 3.280 | Acc: 25.680% (25680/100000)

Test Loss: 3.565 | Acc: 23.170% (2317/10000)

Epoch: 91

Train Loss: 3.264 | Acc: 25.987% (25987/100000)

Test Loss: 3.686 | Acc: 20.750% (2075/10000)

Epoch: 92

Train Loss: 3.251 | Acc: 26.285% (26285/100000)

Test Loss: 3.452 | Acc: 24.280% (2428/10000)

Epoch: 93

Train Loss: 3.240 | Acc: 26.623% (26623/100000)

Test Loss: 3.389 | Acc: 24.770% (2477/10000)

Epoch: 94

Train Loss: 3.229 | Acc: 26.638% (26638/100000)

Test Loss: 3.371 | Acc: 24.380% (2438/10000)

Epoch: 95

Train Loss: 3.209 | Acc: 27.040% (27040/100000)

Test Loss: 3.635 | Acc: 21.110% (2111/10000)

Epoch: 96

Train Loss: 3.196 | Acc: 27.202% (27202/100000)

Test Loss: 3.630 | Acc: 21.990% (2199/10000)

Epoch: 97

Train Loss: 3.183 | Acc: 27.765% (27765/100000)

Test Loss: 3.373 | Acc: 24.730% (2473/10000)

Epoch: 98

Train Loss: 3.173 | Acc: 27.776% (27776/100000)

Test Loss: 3.458 | Acc: 23.940% (2394/10000)

Epoch: 99

Train Loss: 3.153 | Acc: 28.199% (28199/100000)

Test Loss: 3.225 | Acc: 27.470% (2747/10000)

Epoch: 100

Train Loss: 3.138 | Acc: 28.323% (28323/100000)

Test Loss: 3.424 | Acc: 24.570% (2457/10000)

Epoch: 101

Train Loss: 3.124 | Acc: 28.618% (28618/100000)

Test Loss: 3.511 | Acc: 23.960% (2396/10000)

Epoch: 102

Train Loss: 3.104 | Acc: 29.019% (29019/100000)

Test Loss: 3.354 | Acc: 25.330% (2533/10000)

Epoch: 103

Train Loss: 3.093 | Acc: 29.180% (29180/100000)

Test Loss: 3.451 | Acc: 25.050% (2505/10000)

Epoch: 104

Train Loss: 3.075 | Acc: 29.690% (29690/100000)

Test Loss: 3.205 | Acc: 27.730% (2773/10000)

Epoch: 105

Train Loss: 3.059 | Acc: 29.877% (29877/100000)

Test Loss: 3.243 | Acc: 27.270% (2727/10000)

Epoch: 106

Train Loss: 3.043 | Acc: 30.090% (30090/100000)

Test Loss: 3.158 | Acc: 28.910% (2891/10000)

Epoch: 107

Train Loss: 3.024 | Acc: 30.671% (30671/100000)

Test Loss: 3.253 | Acc: 27.890% (2789/10000)

Epoch: 108

Train Loss: 3.007 | Acc: 30.867% (30867/100000)

Test Loss: 3.237 | Acc: 28.410% (2841/10000)

Epoch: 109

Train Loss: 2.993 | Acc: 30.963% (30963/100000)

Test Loss: 3.383 | Acc: 25.800% (2580/10000)

Epoch: 110

Train Loss: 2.971 | Acc: 31.402% (31402/100000)

Test Loss: 3.273 | Acc: 27.500% (2750/10000)

Epoch: 111

Train Loss: 2.951 | Acc: 31.846% (31846/100000)

Test Loss: 3.234 | Acc: 28.640% (2864/10000)

Epoch: 112

Train Loss: 2.941 | Acc: 32.031% (32031/100000)

Test Loss: 3.322 | Acc: 27.650% (2765/10000)

Epoch: 113

Train Loss: 2.922 | Acc: 32.274% (32274/100000)

Test Loss: 3.375 | Acc: 26.680% (2668/10000)

Epoch: 114

Train Loss: 2.905 | Acc: 32.729% (32729/100000)

Test Loss: 3.166 | Acc: 28.600% (2860/10000)

Epoch: 115

Train Loss: 2.887 | Acc: 33.091% (33091/100000)

Test Loss: 3.289 | Acc: 27.310% (2731/10000)

Epoch: 116

Train Loss: 2.868 | Acc: 33.459% (33459/100000)

Test Loss: 3.112 | Acc: 30.730% (3073/10000)

Epoch: 117

Train Loss: 2.854 | Acc: 33.633% (33633/100000)

Test Loss: 2.963 | Acc: 32.190% (3219/10000)

Epoch: 118

Train Loss: 2.830 | Acc: 34.246% (34246/100000)

Test Loss: 3.114 | Acc: 29.910% (2991/10000)

Epoch: 119

Train Loss: 2.810 | Acc: 34.422% (34422/100000)

Test Loss: 2.948 | Acc: 33.050% (3305/10000)

Epoch: 120

Train Loss: 2.787 | Acc: 34.954% (34954/100000)

Test Loss: 3.198 | Acc: 30.470% (3047/10000)

Epoch: 121

Train Loss: 2.766 | Acc: 35.355% (35355/100000)

Test Loss: 3.142 | Acc: 29.830% (2983/10000)

Epoch: 122

Train Loss: 2.747 | Acc: 35.735% (35735/100000)

Test Loss: 2.950 | Acc: 33.190% (3319/10000)

Epoch: 123

Train Loss: 2.723 | Acc: 36.202% (36202/100000)

Test Loss: 2.986 | Acc: 32.260% (3226/10000)

Epoch: 124

Train Loss: 2.701 | Acc: 36.789% (36789/100000)

Test Loss: 2.929 | Acc: 33.910% (3391/10000)

Epoch: 125

Train Loss: 2.680 | Acc: 37.143% (37143/100000)

Test Loss: 2.948 | Acc: 33.540% (3354/10000)

Epoch: 126

Train Loss: 2.655 | Acc: 37.410% (37410/100000)

Test Loss: 3.017 | Acc: 32.150% (3215/10000)

Epoch: 127

Train Loss: 2.630 | Acc: 38.094% (38094/100000)

Test Loss: 2.776 | Acc: 37.040% (3704/10000)

Epoch: 128

Train Loss: 2.610 | Acc: 38.419% (38419/100000)

Test Loss: 2.975 | Acc: 33.160% (3316/10000)

Epoch: 129

Train Loss: 2.597 | Acc: 38.606% (38606/100000)

Test Loss: 2.882 | Acc: 35.210% (3521/10000)

Epoch: 130

Train Loss: 2.559 | Acc: 39.388% (39388/100000)

Test Loss: 2.779 | Acc: 37.100% (3710/10000)

Epoch: 131

Train Loss: 2.538 | Acc: 40.064% (40064/100000)

Test Loss: 2.983 | Acc: 33.660% (3366/10000)

Epoch: 132

Train Loss: 2.516 | Acc: 40.186% (40186/100000)

Test Loss: 2.898 | Acc: 34.680% (3468/10000)

Epoch: 133

Train Loss: 2.486 | Acc: 40.730% (40730/100000)

Test Loss: 2.705 | Acc: 37.980% (3798/10000)

Epoch: 134

Train Loss: 2.461 | Acc: 41.167% (41167/100000)

Test Loss: 2.757 | Acc: 37.110% (3711/10000)

Epoch: 135

Train Loss: 2.441 | Acc: 41.825% (41825/100000)

Test Loss: 2.946 | Acc: 34.700% (3470/10000)

Epoch: 136

Train Loss: 2.413 | Acc: 42.120% (42120/100000)

Test Loss: 2.809 | Acc: 36.670% (3667/10000)

Epoch: 137

Train Loss: 2.380 | Acc: 42.993% (42993/100000)

Test Loss: 2.732 | Acc: 38.150% (3815/10000)

Epoch: 138

Train Loss: 2.354 | Acc: 43.341% (43341/100000)

Test Loss: 2.712 | Acc: 37.880% (3788/10000)

Epoch: 139

Train Loss: 2.325 | Acc: 44.246% (44246/100000)

Test Loss: 2.664 | Acc: 39.120% (3912/10000)

Epoch: 140

Train Loss: 2.300 | Acc: 44.472% (44472/100000)

Test Loss: 2.570 | Acc: 40.490% (4049/10000)

Epoch: 141

Train Loss: 2.270 | Acc: 45.267% (45267/100000)

Test Loss: 2.584 | Acc: 41.640% (4164/10000)

Epoch: 142

Train Loss: 2.237 | Acc: 45.780% (45780/100000)

Test Loss: 2.602 | Acc: 40.910% (4091/10000)

Epoch: 143

Train Loss: 2.208 | Acc: 46.463% (46463/100000)

Test Loss: 2.601 | Acc: 40.600% (4060/10000)

Epoch: 144

Train Loss: 2.178 | Acc: 47.044% (47044/100000)

Test Loss: 2.653 | Acc: 39.950% (3995/10000)

Epoch: 145

Train Loss: 2.138 | Acc: 47.836% (47836/100000)

Test Loss: 2.734 | Acc: 38.870% (3887/10000)

Epoch: 146

Train Loss: 2.106 | Acc: 48.397% (48397/100000)

Test Loss: 2.646 | Acc: 40.060% (4006/10000)

Epoch: 147

Train Loss: 2.077 | Acc: 49.091% (49091/100000)

Test Loss: 2.576 | Acc: 42.020% (4202/10000)

Epoch: 148

Train Loss: 2.042 | Acc: 49.930% (49930/100000)

Test Loss: 2.433 | Acc: 44.560% (4456/10000)

Epoch: 149

Train Loss: 2.008 | Acc: 50.258% (50258/100000)

Test Loss: 2.415 | Acc: 44.560% (4456/10000)

Epoch: 150

Train Loss: 1.966 | Acc: 51.182% (51182/100000)

Test Loss: 2.405 | Acc: 44.840% (4484/10000)

Epoch: 151

Train Loss: 1.930 | Acc: 51.833% (51833/100000)

Test Loss: 2.514 | Acc: 43.380% (4338/10000)

Epoch: 152

Train Loss: 1.892 | Acc: 52.826% (52826/100000)

Test Loss: 2.618 | Acc: 41.550% (4155/10000)

Epoch: 153

Train Loss: 1.854 | Acc: 53.490% (53490/100000)

Test Loss: 2.568 | Acc: 42.260% (4226/10000)

Epoch: 154

Train Loss: 1.812 | Acc: 54.437% (54437/100000)

Test Loss: 2.688 | Acc: 40.680% (4068/10000)

Epoch: 155

Train Loss: 1.770 | Acc: 55.348% (55348/100000)

Test Loss: 2.412 | Acc: 45.210% (4521/10000)

Epoch: 156

Train Loss: 1.722 | Acc: 56.254% (56254/100000)

Test Loss: 2.449 | Acc: 45.410% (4541/10000)

Epoch: 157

Train Loss: 1.678 | Acc: 57.199% (57199/100000)

Test Loss: 2.350 | Acc: 47.140% (4714/10000)

Epoch: 158

Train Loss: 1.634 | Acc: 58.181% (58181/100000)

Test Loss: 2.396 | Acc: 46.240% (4624/10000)

Epoch: 159

Train Loss: 1.587 | Acc: 59.200% (59200/100000)

Test Loss: 2.465 | Acc: 45.470% (4547/10000)

Epoch: 160

Train Loss: 1.536 | Acc: 60.127% (60127/100000)

Test Loss: 2.405 | Acc: 47.010% (4701/10000)

Epoch: 161

Train Loss: 1.485 | Acc: 61.121% (61121/100000)

Test Loss: 2.319 | Acc: 48.300% (4830/10000)

Epoch: 162

Train Loss: 1.427 | Acc: 62.552% (62552/100000)

Test Loss: 2.380 | Acc: 47.690% (4769/10000)

Epoch: 163

Train Loss: 1.379 | Acc: 63.757% (63757/100000)

Test Loss: 2.395 | Acc: 48.560% (4856/10000)

Epoch: 164

Train Loss: 1.319 | Acc: 64.946% (64946/100000)

Test Loss: 2.465 | Acc: 47.310% (4731/10000)

Epoch: 165

Train Loss: 1.255 | Acc: 66.281% (66281/100000)

Test Loss: 2.529 | Acc: 46.580% (4658/10000)

Epoch: 166

Train Loss: 1.191 | Acc: 67.946% (67946/100000)

Test Loss: 2.416 | Acc: 48.130% (4813/10000)

Epoch: 167

Train Loss: 1.139 | Acc: 69.033% (69033/100000)

Test Loss: 2.517 | Acc: 48.410% (4841/10000)

Epoch: 168

Train Loss: 1.069 | Acc: 70.771% (70771/100000)

Test Loss: 2.501 | Acc: 48.190% (4819/10000)

Epoch: 169

Train Loss: 1.000 | Acc: 72.396% (72396/100000)

Test Loss: 2.548 | Acc: 47.550% (4755/10000)

Epoch: 170

Train Loss: 0.933 | Acc: 73.955% (73955/100000)

Test Loss: 2.615 | Acc: 47.880% (4788/10000)

Epoch: 171

Train Loss: 0.858 | Acc: 75.689% (75689/100000)

Test Loss: 2.643 | Acc: 48.170% (4817/10000)

Epoch: 172

Train Loss: 0.798 | Acc: 77.370% (77370/100000)

Test Loss: 2.662 | Acc: 48.510% (4851/10000)

Epoch: 173

Train Loss: 0.715 | Acc: 79.604% (79604/100000)

Test Loss: 2.636 | Acc: 48.810% (4881/10000)

Epoch: 174

Train Loss: 0.648 | Acc: 81.187% (81187/100000)

Test Loss: 2.654 | Acc: 49.460% (4946/10000)

Epoch: 175

Train Loss: 0.573 | Acc: 83.308% (83308/100000)

Test Loss: 2.821 | Acc: 48.060% (4806/10000)

Epoch: 176

Train Loss: 0.495 | Acc: 85.465% (85465/100000)

Test Loss: 2.833 | Acc: 48.810% (4881/10000)

Epoch: 177

Train Loss: 0.429 | Acc: 87.249% (87249/100000)

Test Loss: 2.803 | Acc: 48.920% (4892/10000)

Epoch: 178

Train Loss: 0.366 | Acc: 89.197% (89197/100000)

Test Loss: 2.803 | Acc: 50.400% (5040/10000)

Epoch: 179

Train Loss: 0.288 | Acc: 91.411% (91411/100000)

Test Loss: 2.767 | Acc: 51.270% (5127/10000)

Epoch: 180

Train Loss: 0.230 | Acc: 93.167% (93167/100000)

Test Loss: 2.874 | Acc: 50.590% (5059/10000)

Epoch: 181

Train Loss: 0.184 | Acc: 94.631% (94631/100000)

Test Loss: 2.810 | Acc: 51.370% (5137/10000)

Epoch: 182

Train Loss: 0.140 | Acc: 95.977% (95977/100000)

Test Loss: 2.784 | Acc: 52.370% (5237/10000)

Epoch: 183

Train Loss: 0.098 | Acc: 97.300% (97300/100000)

Test Loss: 2.762 | Acc: 53.110% (5311/10000)

Epoch: 184

Train Loss: 0.071 | Acc: 98.144% (98144/100000)

Test Loss: 2.759 | Acc: 53.170% (5317/10000)

Epoch: 185

Train Loss: 0.053 | Acc: 98.715% (98715/100000)

Test Loss: 2.709 | Acc: 54.310% (5431/10000)

Epoch: 186

Train Loss: 0.039 | Acc: 99.106% (99106/100000)

Test Loss: 2.672 | Acc: 54.430% (5443/10000)

Epoch: 187

Train Loss: 0.030 | Acc: 99.403% (99403/100000)

Test Loss: 2.687 | Acc: 54.750% (5475/10000)

Epoch: 188

Train Loss: 0.025 | Acc: 99.524% (99524/100000)

Test Loss: 2.651 | Acc: 54.910% (5491/10000)

Epoch: 189

Train Loss: 0.021 | Acc: 99.651% (99651/100000)

Test Loss: 2.631 | Acc: 55.150% (5515/10000)

Epoch: 190

Train Loss: 0.018 | Acc: 99.731% (99731/100000)

Test Loss: 2.617 | Acc: 55.130% (5513/10000)

Epoch: 191

Train Loss: 0.016 | Acc: 99.779% (99779/100000)

Test Loss: 2.608 | Acc: 55.220% (5522/10000)

Epoch: 192

Train Loss: 0.013 | Acc: 99.826% (99826/100000)

Test Loss: 2.605 | Acc: 55.490% (5549/10000)

Epoch: 193

Train Loss: 0.013 | Acc: 99.821% (99821/100000)

Test Loss: 2.605 | Acc: 55.560% (5556/10000)

Epoch: 194

Train Loss: 0.012 | Acc: 99.825% (99825/100000)

Test Loss: 2.599 | Acc: 55.550% (5555/10000)

Epoch: 195

Train Loss: 0.011 | Acc: 99.854% (99854/100000)

Test Loss: 2.590 | Acc: 55.720% (5572/10000)

Epoch: 196

Train Loss: 0.011 | Acc: 99.877% (99877/100000)

Test Loss: 2.587 | Acc: 55.550% (5555/10000)

Epoch: 197

Train Loss: 0.011 | Acc: 99.860% (99860/100000)

Test Loss: 2.583 | Acc: 55.650% (5565/10000)

Epoch: 198

Train Loss: 0.011 | Acc: 99.870% (99870/100000)

Test Loss: 2.587 | Acc: 55.680% (5568/10000)

Epoch: 199

Train Loss: 0.010 | Acc: 99.887% (99887/100000)

Test Loss: 2.598 | Acc: 55.850% (5585/10000)

Resnet50\_original\_tiny:

Epoch: 0

Train Loss: 5.104 | Acc: 2.914% (2914/100000)

Test Loss: 4.679 | Acc: 6.020% (602/10000)

Epoch: 1

Train Loss: 4.444 | Acc: 8.294% (8294/100000)

Test Loss: 4.340 | Acc: 9.880% (988/10000)

Epoch: 2

Train Loss: 4.131 | Acc: 11.989% (11989/100000)

Test Loss: 4.046 | Acc: 13.330% (1333/10000)

Epoch: 3

Train Loss: 3.932 | Acc: 14.886% (14886/100000)

Test Loss: 3.957 | Acc: 14.470% (1447/10000)

Epoch: 4

Train Loss: 3.825 | Acc: 16.357% (16357/100000)

Test Loss: 4.233 | Acc: 12.340% (1234/10000)

Epoch: 5

Train Loss: 3.774 | Acc: 17.139% (17139/100000)

Test Loss: 3.906 | Acc: 15.840% (1584/10000)

Epoch: 6

Train Loss: 3.732 | Acc: 17.926% (17926/100000)

Test Loss: 4.154 | Acc: 13.970% (1397/10000)

Epoch: 7

Train Loss: 3.709 | Acc: 18.095% (18095/100000)

Test Loss: 3.650 | Acc: 19.310% (1931/10000)

Epoch: 8

Train Loss: 3.685 | Acc: 18.592% (18592/100000)

Test Loss: 3.886 | Acc: 16.510% (1651/10000)

Epoch: 9

Train Loss: 3.665 | Acc: 18.861% (18861/100000)

Test Loss: 4.016 | Acc: 14.600% (1460/10000)

Epoch: 10

Train Loss: 3.652 | Acc: 19.076% (19076/100000)

Test Loss: 3.698 | Acc: 19.280% (1928/10000)

Epoch: 11

Train Loss: 3.628 | Acc: 19.392% (19392/100000)

Test Loss: 3.614 | Acc: 19.610% (1961/10000)

Epoch: 12

Train Loss: 3.618 | Acc: 19.673% (19673/100000)

Test Loss: 3.597 | Acc: 20.440% (2044/10000)

Epoch: 13

Train Loss: 3.615 | Acc: 19.933% (19933/100000)

Test Loss: 3.904 | Acc: 17.200% (1720/10000)

Epoch: 14

Train Loss: 3.601 | Acc: 19.820% (19820/100000)

Test Loss: 3.597 | Acc: 19.810% (1981/10000)

Epoch: 15

Train Loss: 3.583 | Acc: 20.327% (20327/100000)

Test Loss: 3.980 | Acc: 17.260% (1726/10000)

Epoch: 16

Train Loss: 3.576 | Acc: 20.200% (20200/100000)

Test Loss: 4.019 | Acc: 15.450% (1545/10000)

Epoch: 17

Train Loss: 3.563 | Acc: 20.586% (20586/100000)

Test Loss: 3.738 | Acc: 18.270% (1827/10000)

Epoch: 18

Train Loss: 3.556 | Acc: 20.647% (20647/100000)

Test Loss: 3.826 | Acc: 16.900% (1690/10000)

Epoch: 19

Train Loss: 3.542 | Acc: 20.748% (20748/100000)

Test Loss: 3.858 | Acc: 16.490% (1649/10000)

Epoch: 20

Train Loss: 3.534 | Acc: 21.023% (21023/100000)

Test Loss: 3.750 | Acc: 19.440% (1944/10000)

Epoch: 21

Train Loss: 3.529 | Acc: 21.294% (21294/100000)

Test Loss: 3.640 | Acc: 20.130% (2013/10000)

Epoch: 22

Train Loss: 3.517 | Acc: 21.314% (21314/100000)

Test Loss: 3.945 | Acc: 17.600% (1760/10000)

Epoch: 23

Train Loss: 3.507 | Acc: 21.428% (21428/100000)

Test Loss: 3.512 | Acc: 21.240% (2124/10000)

Epoch: 24

Train Loss: 3.502 | Acc: 21.604% (21604/100000)

Test Loss: 3.661 | Acc: 19.160% (1916/10000)

Epoch: 25

Train Loss: 3.485 | Acc: 21.891% (21891/100000)

Test Loss: 3.467 | Acc: 22.390% (2239/10000)

Epoch: 26

Train Loss: 3.474 | Acc: 22.118% (22118/100000)

Test Loss: 3.693 | Acc: 18.510% (1851/10000)

Epoch: 27

Train Loss: 3.465 | Acc: 22.149% (22149/100000)

Test Loss: 3.774 | Acc: 18.710% (1871/10000)

Epoch: 28

Train Loss: 3.453 | Acc: 22.442% (22442/100000)

Test Loss: 3.566 | Acc: 20.170% (2017/10000)

Epoch: 29

Train Loss: 3.440 | Acc: 22.569% (22569/100000)

Test Loss: 3.503 | Acc: 21.390% (2139/10000)

Epoch: 30

Train Loss: 3.434 | Acc: 22.800% (22800/100000)

Test Loss: 3.438 | Acc: 23.490% (2349/10000)

Epoch: 31

Train Loss: 3.423 | Acc: 22.911% (22911/100000)

Test Loss: 3.524 | Acc: 21.540% (2154/10000)

Epoch: 32

Train Loss: 3.414 | Acc: 23.100% (23100/100000)

Test Loss: 3.554 | Acc: 21.100% (2110/10000)

Epoch: 33

Train Loss: 3.403 | Acc: 23.069% (23069/100000)

Test Loss: 3.701 | Acc: 19.570% (1957/10000)

Epoch: 34

Train Loss: 3.397 | Acc: 23.347% (23347/100000)

Test Loss: 3.475 | Acc: 22.380% (2238/10000)

Epoch: 35

Train Loss: 3.397 | Acc: 23.276% (23276/100000)

Test Loss: 3.449 | Acc: 22.620% (2262/10000)

Epoch: 36

Train Loss: 3.389 | Acc: 23.416% (23416/100000)

Test Loss: 3.951 | Acc: 18.040% (1804/10000)

Epoch: 37

Train Loss: 3.384 | Acc: 23.455% (23455/100000)

Test Loss: 3.479 | Acc: 22.090% (2209/10000)

Epoch: 38

Train Loss: 3.380 | Acc: 23.517% (23517/100000)

Test Loss: 3.457 | Acc: 23.100% (2310/10000)

Epoch: 39

Train Loss: 3.372 | Acc: 23.850% (23850/100000)

Test Loss: 3.472 | Acc: 22.890% (2289/10000)

Epoch: 40

Train Loss: 3.365 | Acc: 23.903% (23903/100000)

Test Loss: 3.395 | Acc: 23.780% (2378/10000)

Epoch: 41

Train Loss: 3.361 | Acc: 23.925% (23925/100000)

Test Loss: 3.512 | Acc: 22.120% (2212/10000)

Epoch: 42

Train Loss: 3.351 | Acc: 24.107% (24107/100000)

Test Loss: 3.521 | Acc: 21.640% (2164/10000)

Epoch: 43

Train Loss: 3.349 | Acc: 24.079% (24079/100000)

Test Loss: 3.363 | Acc: 24.400% (2440/10000)

Epoch: 44

Train Loss: 3.338 | Acc: 24.257% (24257/100000)

Test Loss: 3.417 | Acc: 22.940% (2294/10000)

Epoch: 45

Train Loss: 3.334 | Acc: 24.321% (24321/100000)

Test Loss: 3.462 | Acc: 22.560% (2256/10000)

Epoch: 46

Train Loss: 3.329 | Acc: 24.348% (24348/100000)

Test Loss: 3.365 | Acc: 24.470% (2447/10000)

Epoch: 47

Train Loss: 3.322 | Acc: 24.558% (24558/100000)

Test Loss: 3.525 | Acc: 21.600% (2160/10000)

Epoch: 48

Train Loss: 3.314 | Acc: 24.660% (24660/100000)

Test Loss: 3.454 | Acc: 23.010% (2301/10000)

Epoch: 49

Train Loss: 3.312 | Acc: 24.725% (24725/100000)

Test Loss: 3.443 | Acc: 23.380% (2338/10000)

Epoch: 50

Train Loss: 3.304 | Acc: 24.886% (24886/100000)

Test Loss: 3.640 | Acc: 20.890% (2089/10000)

Epoch: 51

Train Loss: 3.297 | Acc: 25.082% (25082/100000)

Test Loss: 3.318 | Acc: 24.710% (2471/10000)

Epoch: 52

Train Loss: 3.291 | Acc: 25.122% (25122/100000)

Test Loss: 3.631 | Acc: 21.170% (2117/10000)

Epoch: 53

Train Loss: 3.287 | Acc: 25.200% (25200/100000)

Test Loss: 3.544 | Acc: 21.980% (2198/10000)

Epoch: 54

Train Loss: 3.280 | Acc: 25.360% (25360/100000)

Test Loss: 3.453 | Acc: 22.940% (2294/10000)

Epoch: 55

Train Loss: 3.272 | Acc: 25.382% (25382/100000)

Test Loss: 3.322 | Acc: 24.560% (2456/10000)

Epoch: 56

Train Loss: 3.272 | Acc: 25.399% (25399/100000)

Test Loss: 3.442 | Acc: 23.030% (2303/10000)

Epoch: 57

Train Loss: 3.262 | Acc: 25.482% (25482/100000)

Test Loss: 3.537 | Acc: 22.480% (2248/10000)

Epoch: 58

Train Loss: 3.253 | Acc: 25.841% (25841/100000)

Test Loss: 3.389 | Acc: 23.680% (2368/10000)

Epoch: 59

Train Loss: 3.246 | Acc: 25.932% (25932/100000)

Test Loss: 3.419 | Acc: 23.690% (2369/10000)

Epoch: 60

Train Loss: 3.238 | Acc: 26.187% (26187/100000)

Test Loss: 3.283 | Acc: 26.060% (2606/10000)

Epoch: 61

Train Loss: 3.229 | Acc: 26.253% (26253/100000)

Test Loss: 3.431 | Acc: 23.350% (2335/10000)

Epoch: 62

Train Loss: 3.224 | Acc: 26.413% (26413/100000)

Test Loss: 3.266 | Acc: 26.080% (2608/10000)

Epoch: 63

Train Loss: 3.221 | Acc: 26.291% (26291/100000)

Test Loss: 3.478 | Acc: 23.360% (2336/10000)

Epoch: 64

Train Loss: 3.211 | Acc: 26.568% (26568/100000)

Test Loss: 3.192 | Acc: 27.270% (2727/10000)

Epoch: 65

Train Loss: 3.203 | Acc: 26.606% (26606/100000)

Test Loss: 3.434 | Acc: 23.550% (2355/10000)

Epoch: 66

Train Loss: 3.194 | Acc: 26.907% (26907/100000)

Test Loss: 3.437 | Acc: 22.860% (2286/10000)

Epoch: 67

Train Loss: 3.186 | Acc: 27.007% (27007/100000)

Test Loss: 3.432 | Acc: 23.860% (2386/10000)

Epoch: 68

Train Loss: 3.182 | Acc: 26.989% (26989/100000)

Test Loss: 3.454 | Acc: 23.610% (2361/10000)

Epoch: 69

Train Loss: 3.173 | Acc: 27.203% (27203/100000)

Test Loss: 3.224 | Acc: 27.030% (2703/10000)

Epoch: 70

Train Loss: 3.169 | Acc: 27.136% (27136/100000)

Test Loss: 3.418 | Acc: 22.830% (2283/10000)

Epoch: 71

Train Loss: 3.157 | Acc: 27.319% (27319/100000)

Test Loss: 3.302 | Acc: 25.990% (2599/10000)

Epoch: 72

Train Loss: 3.148 | Acc: 27.695% (27695/100000)

Test Loss: 3.515 | Acc: 24.110% (2411/10000)

Epoch: 73

Train Loss: 3.137 | Acc: 27.899% (27899/100000)

Test Loss: 3.252 | Acc: 25.570% (2557/10000)

Epoch: 74

Train Loss: 3.130 | Acc: 28.077% (28077/100000)

Test Loss: 3.367 | Acc: 24.370% (2437/10000)

Epoch: 75

Train Loss: 3.118 | Acc: 28.113% (28113/100000)

Test Loss: 3.249 | Acc: 26.620% (2662/10000)

Epoch: 76

Train Loss: 3.115 | Acc: 28.105% (28105/100000)

Test Loss: 3.319 | Acc: 25.880% (2588/10000)

Epoch: 77

Train Loss: 3.106 | Acc: 28.491% (28491/100000)

Test Loss: 3.174 | Acc: 27.160% (2716/10000)

Epoch: 78

Train Loss: 3.089 | Acc: 28.792% (28792/100000)

Test Loss: 3.257 | Acc: 27.130% (2713/10000)

Epoch: 79

Train Loss: 3.078 | Acc: 28.916% (28916/100000)

Test Loss: 3.498 | Acc: 23.560% (2356/10000)

Epoch: 80

Train Loss: 3.079 | Acc: 28.932% (28932/100000)

Test Loss: 3.323 | Acc: 25.560% (2556/10000)

Epoch: 81

Train Loss: 3.067 | Acc: 29.108% (29108/100000)

Test Loss: 3.168 | Acc: 27.720% (2772/10000)

Epoch: 82

Train Loss: 3.054 | Acc: 29.182% (29182/100000)

Test Loss: 3.139 | Acc: 27.960% (2796/10000)

Epoch: 83

Train Loss: 3.044 | Acc: 29.600% (29600/100000)

Test Loss: 3.173 | Acc: 27.820% (2782/10000)

Epoch: 84

Train Loss: 3.035 | Acc: 29.835% (29835/100000)

Test Loss: 3.104 | Acc: 29.070% (2907/10000)

Epoch: 85

Train Loss: 3.025 | Acc: 30.090% (30090/100000)

Test Loss: 3.179 | Acc: 27.680% (2768/10000)

Epoch: 86

Train Loss: 3.011 | Acc: 30.164% (30164/100000)

Test Loss: 3.171 | Acc: 29.230% (2923/10000)

Epoch: 87

Train Loss: 3.002 | Acc: 30.340% (30340/100000)

Test Loss: 3.144 | Acc: 28.140% (2814/10000)

Epoch: 88

Train Loss: 2.996 | Acc: 30.384% (30384/100000)

Test Loss: 3.410 | Acc: 24.820% (2482/10000)

Epoch: 89

Train Loss: 2.984 | Acc: 30.634% (30634/100000)

Test Loss: 2.988 | Acc: 30.870% (3087/10000)

Epoch: 90

Train Loss: 2.972 | Acc: 30.858% (30858/100000)

Test Loss: 3.059 | Acc: 29.710% (2971/10000)

Epoch: 91

Train Loss: 2.959 | Acc: 31.108% (31108/100000)

Test Loss: 3.227 | Acc: 27.280% (2728/10000)

Epoch: 92

Train Loss: 2.953 | Acc: 31.242% (31242/100000)

Test Loss: 3.054 | Acc: 30.660% (3066/10000)

Epoch: 93

Train Loss: 2.937 | Acc: 31.473% (31473/100000)

Test Loss: 2.978 | Acc: 30.370% (3037/10000)

Epoch: 94

Train Loss: 2.928 | Acc: 31.803% (31803/100000)

Test Loss: 2.982 | Acc: 31.450% (3145/10000)

Epoch: 95

Train Loss: 2.911 | Acc: 31.939% (31939/100000)

Test Loss: 3.088 | Acc: 29.360% (2936/10000)

Epoch: 96

Train Loss: 2.906 | Acc: 32.044% (32044/100000)

Test Loss: 2.961 | Acc: 31.140% (3114/10000)

Epoch: 97

Train Loss: 2.893 | Acc: 32.515% (32515/100000)

Test Loss: 2.871 | Acc: 33.800% (3380/10000)

Epoch: 98

Train Loss: 2.880 | Acc: 32.558% (32558/100000)

Test Loss: 3.030 | Acc: 30.240% (3024/10000)

Epoch: 99

Train Loss: 2.861 | Acc: 32.985% (32985/100000)

Test Loss: 3.123 | Acc: 28.450% (2845/10000)

Epoch: 100

Train Loss: 2.857 | Acc: 33.017% (33017/100000)

Test Loss: 3.003 | Acc: 31.620% (3162/10000)

Epoch: 101

Train Loss: 2.846 | Acc: 33.272% (33272/100000)

Test Loss: 2.919 | Acc: 32.180% (3218/10000)

Epoch: 102

Train Loss: 2.836 | Acc: 33.531% (33531/100000)

Test Loss: 2.934 | Acc: 31.550% (3155/10000)

Epoch: 103

Train Loss: 2.815 | Acc: 33.687% (33687/100000)

Test Loss: 3.411 | Acc: 25.240% (2524/10000)

Epoch: 104

Train Loss: 2.805 | Acc: 34.022% (34022/100000)

Test Loss: 2.885 | Acc: 32.850% (3285/10000)

Epoch: 105

Train Loss: 2.792 | Acc: 34.265% (34265/100000)

Test Loss: 2.956 | Acc: 31.580% (3158/10000)

Epoch: 106

Train Loss: 2.781 | Acc: 34.625% (34625/100000)

Test Loss: 2.871 | Acc: 33.690% (3369/10000)

Epoch: 107

Train Loss: 2.762 | Acc: 34.722% (34722/100000)

Test Loss: 2.875 | Acc: 33.020% (3302/10000)

Epoch: 108

Train Loss: 2.757 | Acc: 35.033% (35033/100000)

Test Loss: 2.841 | Acc: 33.770% (3377/10000)

Epoch: 109

Train Loss: 2.742 | Acc: 35.266% (35266/100000)

Test Loss: 3.110 | Acc: 29.460% (2946/10000)

Epoch: 110

Train Loss: 2.723 | Acc: 35.673% (35673/100000)

Test Loss: 2.911 | Acc: 32.220% (3222/10000)

Epoch: 111

Train Loss: 2.713 | Acc: 35.732% (35732/100000)

Test Loss: 2.924 | Acc: 32.590% (3259/10000)

Epoch: 112

Train Loss: 2.694 | Acc: 36.050% (36050/100000)

Test Loss: 2.828 | Acc: 34.670% (3467/10000)

Epoch: 113

Train Loss: 2.684 | Acc: 36.468% (36468/100000)

Test Loss: 2.793 | Acc: 34.890% (3489/10000)

Epoch: 114

Train Loss: 2.668 | Acc: 36.780% (36780/100000)

Test Loss: 2.708 | Acc: 35.900% (3590/10000)

Epoch: 115

Train Loss: 2.646 | Acc: 37.324% (37324/100000)

Test Loss: 2.689 | Acc: 36.520% (3652/10000)

Epoch: 116

Train Loss: 2.636 | Acc: 37.399% (37399/100000)

Test Loss: 2.712 | Acc: 36.560% (3656/10000)

Epoch: 117

Train Loss: 2.624 | Acc: 37.567% (37567/100000)

Test Loss: 2.803 | Acc: 34.730% (3473/10000)

Epoch: 118

Train Loss: 2.605 | Acc: 38.025% (38025/100000)

Test Loss: 2.691 | Acc: 35.860% (3586/10000)

Epoch: 119

Train Loss: 2.592 | Acc: 38.350% (38350/100000)

Test Loss: 2.870 | Acc: 34.150% (3415/10000)

Epoch: 120

Train Loss: 2.574 | Acc: 38.714% (38714/100000)

Test Loss: 2.749 | Acc: 35.890% (3589/10000)

Epoch: 121

Train Loss: 2.561 | Acc: 38.885% (38885/100000)

Test Loss: 2.704 | Acc: 36.510% (3651/10000)

Epoch: 122

Train Loss: 2.545 | Acc: 39.112% (39112/100000)

Test Loss: 2.644 | Acc: 37.240% (3724/10000)

Epoch: 123

Train Loss: 2.524 | Acc: 39.466% (39466/100000)

Test Loss: 2.599 | Acc: 38.510% (3851/10000)

Epoch: 124

Train Loss: 2.510 | Acc: 39.761% (39761/100000)

Test Loss: 2.540 | Acc: 39.910% (3991/10000)

Epoch: 125

Train Loss: 2.487 | Acc: 40.375% (40375/100000)

Test Loss: 2.507 | Acc: 40.240% (4024/10000)

Epoch: 126

Train Loss: 2.472 | Acc: 40.686% (40686/100000)

Test Loss: 2.576 | Acc: 38.750% (3875/10000)

Epoch: 127

Train Loss: 2.454 | Acc: 41.164% (41164/100000)

Test Loss: 2.621 | Acc: 38.120% (3812/10000)

Epoch: 128

Train Loss: 2.440 | Acc: 41.370% (41370/100000)

Test Loss: 2.665 | Acc: 37.420% (3742/10000)

Epoch: 129

Train Loss: 2.424 | Acc: 41.544% (41544/100000)

Test Loss: 2.544 | Acc: 39.260% (3926/10000)

Epoch: 130

Train Loss: 2.402 | Acc: 41.959% (41959/100000)

Test Loss: 2.668 | Acc: 37.720% (3772/10000)

Epoch: 131

Train Loss: 2.379 | Acc: 42.520% (42520/100000)

Test Loss: 2.614 | Acc: 38.360% (3836/10000)

Epoch: 132

Train Loss: 2.370 | Acc: 42.669% (42669/100000)

Test Loss: 2.438 | Acc: 41.740% (4174/10000)

Epoch: 133

Train Loss: 2.349 | Acc: 43.069% (43069/100000)

Test Loss: 2.471 | Acc: 41.640% (4164/10000)

Epoch: 134

Train Loss: 2.332 | Acc: 43.437% (43437/100000)

Test Loss: 2.388 | Acc: 42.790% (4279/10000)

Epoch: 135

Train Loss: 2.312 | Acc: 43.737% (43737/100000)

Test Loss: 2.612 | Acc: 39.180% (3918/10000)

Epoch: 136

Train Loss: 2.295 | Acc: 44.140% (44140/100000)

Test Loss: 2.434 | Acc: 40.740% (4074/10000)

Epoch: 137

Train Loss: 2.269 | Acc: 44.834% (44834/100000)

Test Loss: 2.393 | Acc: 42.270% (4227/10000)

Epoch: 138

Train Loss: 2.252 | Acc: 45.330% (45330/100000)

Test Loss: 2.360 | Acc: 43.150% (4315/10000)

Epoch: 139

Train Loss: 2.227 | Acc: 45.537% (45537/100000)

Test Loss: 2.429 | Acc: 42.670% (4267/10000)

Epoch: 140

Train Loss: 2.213 | Acc: 45.905% (45905/100000)

Test Loss: 2.326 | Acc: 44.050% (4405/10000)

Epoch: 141

Train Loss: 2.192 | Acc: 46.373% (46373/100000)

Test Loss: 2.297 | Acc: 44.530% (4453/10000)

Epoch: 142

Train Loss: 2.169 | Acc: 46.890% (46890/100000)

Test Loss: 2.403 | Acc: 43.500% (4350/10000)

Epoch: 143

Train Loss: 2.147 | Acc: 47.325% (47325/100000)

Test Loss: 2.316 | Acc: 44.410% (4441/10000)

Epoch: 144

Train Loss: 2.120 | Acc: 47.703% (47703/100000)

Test Loss: 2.255 | Acc: 45.300% (4530/10000)

Epoch: 145

Train Loss: 2.100 | Acc: 48.428% (48428/100000)

Test Loss: 2.206 | Acc: 47.300% (4730/10000)

Epoch: 146

Train Loss: 2.080 | Acc: 48.788% (48788/100000)

Test Loss: 2.221 | Acc: 45.980% (4598/10000)

Epoch: 147

Train Loss: 2.062 | Acc: 48.877% (48877/100000)

Test Loss: 2.284 | Acc: 45.180% (4518/10000)

Epoch: 148

Train Loss: 2.035 | Acc: 49.713% (49713/100000)

Test Loss: 2.153 | Acc: 47.450% (4745/10000)

Epoch: 149

Train Loss: 2.008 | Acc: 50.207% (50207/100000)

Test Loss: 2.186 | Acc: 47.120% (4712/10000)

Epoch: 150

Train Loss: 1.984 | Acc: 50.699% (50699/100000)

Test Loss: 2.175 | Acc: 48.070% (4807/10000)

Epoch: 151

Train Loss: 1.960 | Acc: 51.193% (51193/100000)

Test Loss: 2.182 | Acc: 47.490% (4749/10000)

Epoch: 152

Train Loss: 1.942 | Acc: 51.564% (51564/100000)

Test Loss: 2.122 | Acc: 48.950% (4895/10000)

Epoch: 153

Train Loss: 1.909 | Acc: 52.209% (52209/100000)

Test Loss: 2.161 | Acc: 47.810% (4781/10000)

Epoch: 154

Train Loss: 1.883 | Acc: 52.963% (52963/100000)

Test Loss: 2.136 | Acc: 48.420% (4842/10000)

Epoch: 155

Train Loss: 1.855 | Acc: 53.430% (53430/100000)

Test Loss: 2.081 | Acc: 49.870% (4987/10000)

Epoch: 156

Train Loss: 1.832 | Acc: 54.058% (54058/100000)

Test Loss: 2.111 | Acc: 48.420% (4842/10000)

Epoch: 157

Train Loss: 1.800 | Acc: 54.702% (54702/100000)

Test Loss: 2.050 | Acc: 50.440% (5044/10000)

Epoch: 158

Train Loss: 1.772 | Acc: 55.130% (55130/100000)

Test Loss: 2.055 | Acc: 49.880% (4988/10000)

Epoch: 159

Train Loss: 1.746 | Acc: 55.869% (55869/100000)

Test Loss: 1.994 | Acc: 51.890% (5189/10000)

Epoch: 160

Train Loss: 1.711 | Acc: 56.816% (56816/100000)

Test Loss: 2.000 | Acc: 51.470% (5147/10000)

Epoch: 161

Train Loss: 1.680 | Acc: 57.395% (57395/100000)

Test Loss: 2.011 | Acc: 51.620% (5162/10000)

Epoch: 162

Train Loss: 1.648 | Acc: 57.941% (57941/100000)

Test Loss: 1.999 | Acc: 51.690% (5169/10000)

Epoch: 163

Train Loss: 1.615 | Acc: 58.685% (58685/100000)

Test Loss: 1.987 | Acc: 51.900% (5190/10000)

Epoch: 164

Train Loss: 1.586 | Acc: 59.533% (59533/100000)

Test Loss: 1.933 | Acc: 53.720% (5372/10000)

Epoch: 165

Train Loss: 1.549 | Acc: 60.077% (60077/100000)

Test Loss: 1.961 | Acc: 52.690% (5269/10000)

Epoch: 166

Train Loss: 1.517 | Acc: 60.912% (60912/100000)

Test Loss: 1.919 | Acc: 54.060% (5406/10000)

Epoch: 167

Train Loss: 1.482 | Acc: 61.561% (61561/100000)

Test Loss: 1.899 | Acc: 54.230% (5423/10000)

Epoch: 168

Train Loss: 1.442 | Acc: 62.749% (62749/100000)

Test Loss: 1.901 | Acc: 54.340% (5434/10000)

Epoch: 169

Train Loss: 1.405 | Acc: 63.414% (63414/100000)

Test Loss: 1.843 | Acc: 55.170% (5517/10000)

Epoch: 170

Train Loss: 1.360 | Acc: 64.588% (64588/100000)

Test Loss: 1.829 | Acc: 55.860% (5586/10000)

Epoch: 171

Train Loss: 1.322 | Acc: 65.376% (65376/100000)

Test Loss: 1.860 | Acc: 54.960% (5496/10000)

Epoch: 172

Train Loss: 1.281 | Acc: 66.241% (66241/100000)

Test Loss: 1.842 | Acc: 56.130% (5613/10000)

Epoch: 173

Train Loss: 1.234 | Acc: 67.392% (67392/100000)

Test Loss: 1.855 | Acc: 55.650% (5565/10000)

Epoch: 174

Train Loss: 1.187 | Acc: 68.770% (68770/100000)

Test Loss: 1.822 | Acc: 56.230% (5623/10000)

Epoch: 175

Train Loss: 1.143 | Acc: 69.703% (69703/100000)

Test Loss: 1.796 | Acc: 57.310% (5731/10000)

Epoch: 176

Train Loss: 1.094 | Acc: 70.870% (70870/100000)

Test Loss: 1.814 | Acc: 56.750% (5675/10000)

Epoch: 177

Train Loss: 1.042 | Acc: 72.081% (72081/100000)

Test Loss: 1.770 | Acc: 58.400% (5840/10000)

Epoch: 178

Train Loss: 0.992 | Acc: 73.278% (73278/100000)

Test Loss: 1.779 | Acc: 58.020% (5802/10000)

Epoch: 179

Train Loss: 0.934 | Acc: 74.780% (74780/100000)

Test Loss: 1.795 | Acc: 57.750% (5775/10000)

Epoch: 180

Train Loss: 0.883 | Acc: 76.104% (76104/100000)

Test Loss: 1.803 | Acc: 58.150% (5815/10000)

Epoch: 181

Train Loss: 0.827 | Acc: 77.490% (77490/100000)

Test Loss: 1.813 | Acc: 58.520% (5852/10000)

Epoch: 182

Train Loss: 0.762 | Acc: 79.210% (79210/100000)

Test Loss: 1.799 | Acc: 58.830% (5883/10000)

Epoch: 183

Train Loss: 0.699 | Acc: 80.920% (80920/100000)

Test Loss: 1.792 | Acc: 58.990% (5899/10000)

Epoch: 184

Train Loss: 0.637 | Acc: 82.493% (82493/100000)

Test Loss: 1.830 | Acc: 58.660% (5866/10000)

Epoch: 185

Train Loss: 0.576 | Acc: 84.214% (84214/100000)

Test Loss: 1.812 | Acc: 59.430% (5943/10000)

Epoch: 186

Train Loss: 0.515 | Acc: 85.952% (85952/100000)

Test Loss: 1.839 | Acc: 59.520% (5952/10000)

Epoch: 187

Train Loss: 0.462 | Acc: 87.576% (87576/100000)

Test Loss: 1.799 | Acc: 59.810% (5981/10000)

Epoch: 188

Train Loss: 0.405 | Acc: 89.202% (89202/100000)

Test Loss: 1.832 | Acc: 60.190% (6019/10000)

Epoch: 189

Train Loss: 0.358 | Acc: 90.673% (90673/100000)

Test Loss: 1.822 | Acc: 60.530% (6053/10000)

Epoch: 190

Train Loss: 0.315 | Acc: 91.952% (91952/100000)

Test Loss: 1.834 | Acc: 60.250% (6025/10000)

Epoch: 191

Train Loss: 0.275 | Acc: 93.143% (93143/100000)

Test Loss: 1.833 | Acc: 60.650% (6065/10000)

Epoch: 192

Train Loss: 0.243 | Acc: 94.223% (94223/100000)

Test Loss: 1.815 | Acc: 61.060% (6106/10000)

Epoch: 193

Train Loss: 0.217 | Acc: 94.911% (94911/100000)

Test Loss: 1.824 | Acc: 61.100% (6110/10000)

Epoch: 194

Train Loss: 0.199 | Acc: 95.511% (95511/100000)

Test Loss: 1.827 | Acc: 61.090% (6109/10000)

Epoch: 195

Train Loss: 0.185 | Acc: 95.877% (95877/100000)

Test Loss: 1.821 | Acc: 60.920% (6092/10000)

Epoch: 196

Train Loss: 0.173 | Acc: 96.329% (96329/100000)

Test Loss: 1.826 | Acc: 61.450% (6145/10000)

Epoch: 197

Train Loss: 0.164 | Acc: 96.636% (96636/100000)

Test Loss: 1.820 | Acc: 61.410% (6141/10000)

Epoch: 198

Train Loss: 0.159 | Acc: 96.683% (96683/100000)

Test Loss: 1.819 | Acc: 61.070% (6107/10000)

Epoch: 199

Train Loss: 0.159 | Acc: 96.765% (96765/100000)

Test Loss: 1.818 | Acc: 61.230% (6123/10000)

Resnet101\_original\_tiny:

Epoch: 0

Train Loss: 5.230 | Acc: 1.874% (1874/100000)

Test Loss: 4.831 | Acc: 4.010% (401/10000)

Epoch: 1

Train Loss: 4.557 | Acc: 6.837% (6837/100000)

Test Loss: 4.263 | Acc: 10.200% (1020/10000)

Epoch: 2

Train Loss: 4.079 | Acc: 12.425% (12425/100000)

Test Loss: 4.026 | Acc: 13.680% (1368/10000)

Epoch: 3

Train Loss: 3.897 | Acc: 14.936% (14936/100000)

Test Loss: 3.906 | Acc: 15.260% (1526/10000)

Epoch: 4

Train Loss: 3.806 | Acc: 16.457% (16457/100000)

Test Loss: 3.995 | Acc: 14.570% (1457/10000)

Epoch: 5

Train Loss: 3.749 | Acc: 17.271% (17271/100000)

Test Loss: 3.922 | Acc: 16.090% (1609/10000)

Epoch: 6

Train Loss: 3.707 | Acc: 17.982% (17982/100000)

Test Loss: 3.701 | Acc: 17.300% (1730/10000)

Epoch: 7

Train Loss: 3.671 | Acc: 18.366% (18366/100000)

Test Loss: 3.729 | Acc: 16.890% (1689/10000)

Epoch: 8

Train Loss: 3.652 | Acc: 18.733% (18733/100000)

Test Loss: 3.851 | Acc: 16.140% (1614/10000)

Epoch: 9

Train Loss: 3.632 | Acc: 19.317% (19317/100000)

Test Loss: 3.800 | Acc: 16.840% (1684/10000)

Epoch: 10

Train Loss: 3.604 | Acc: 19.689% (19689/100000)

Test Loss: 3.673 | Acc: 18.950% (1895/10000)

Epoch: 11

Train Loss: 3.579 | Acc: 20.044% (20044/100000)

Test Loss: 3.699 | Acc: 18.510% (1851/10000)

Epoch: 12

Train Loss: 3.562 | Acc: 20.308% (20308/100000)

Test Loss: 3.724 | Acc: 18.930% (1893/10000)

Epoch: 13

Train Loss: 3.548 | Acc: 20.416% (20416/100000)

Test Loss: 3.819 | Acc: 17.380% (1738/10000)

Epoch: 14

Train Loss: 3.548 | Acc: 20.480% (20480/100000)

Test Loss: 3.686 | Acc: 18.930% (1893/10000)

Epoch: 15

Train Loss: 3.530 | Acc: 21.003% (21003/100000)

Test Loss: 3.576 | Acc: 20.160% (2016/10000)

Epoch: 16

Train Loss: 3.522 | Acc: 20.895% (20895/100000)

Test Loss: 4.148 | Acc: 14.450% (1445/10000)

Epoch: 17

Train Loss: 3.512 | Acc: 21.359% (21359/100000)

Test Loss: 3.498 | Acc: 21.520% (2152/10000)

Epoch: 18

Train Loss: 3.504 | Acc: 21.370% (21370/100000)

Test Loss: 3.790 | Acc: 18.290% (1829/10000)

Epoch: 19

Train Loss: 3.491 | Acc: 21.604% (21604/100000)

Test Loss: 3.476 | Acc: 21.410% (2141/10000)

Epoch: 20

Train Loss: 3.491 | Acc: 21.465% (21465/100000)

Test Loss: 3.895 | Acc: 17.060% (1706/10000)

Epoch: 21

Train Loss: 3.479 | Acc: 21.753% (21753/100000)

Test Loss: 3.970 | Acc: 17.480% (1748/10000)

Epoch: 22

Train Loss: 3.478 | Acc: 21.864% (21864/100000)

Test Loss: 4.001 | Acc: 15.940% (1594/10000)

Epoch: 23

Train Loss: 3.470 | Acc: 21.958% (21958/100000)

Test Loss: 3.635 | Acc: 20.730% (2073/10000)

Epoch: 24

Train Loss: 3.465 | Acc: 22.037% (22037/100000)

Test Loss: 3.528 | Acc: 21.640% (2164/10000)

Epoch: 25

Train Loss: 3.459 | Acc: 22.128% (22128/100000)

Test Loss: 3.868 | Acc: 18.340% (1834/10000)

Epoch: 26

Train Loss: 3.451 | Acc: 22.287% (22287/100000)

Test Loss: 3.641 | Acc: 19.820% (1982/10000)

Epoch: 27

Train Loss: 3.447 | Acc: 22.392% (22392/100000)

Test Loss: 4.169 | Acc: 15.130% (1513/10000)

Epoch: 28

Train Loss: 3.441 | Acc: 22.375% (22375/100000)

Test Loss: 4.040 | Acc: 17.010% (1701/10000)

Epoch: 29

Train Loss: 3.438 | Acc: 22.572% (22572/100000)

Test Loss: 3.701 | Acc: 19.350% (1935/10000)

Epoch: 30

Train Loss: 3.435 | Acc: 22.531% (22531/100000)

Test Loss: 3.477 | Acc: 22.470% (2247/10000)

Epoch: 31

Train Loss: 3.428 | Acc: 22.606% (22606/100000)

Test Loss: 3.526 | Acc: 21.460% (2146/10000)

Epoch: 32

Train Loss: 3.422 | Acc: 22.793% (22793/100000)

Test Loss: 3.663 | Acc: 18.530% (1853/10000)

Epoch: 33

Train Loss: 3.419 | Acc: 22.678% (22678/100000)

Test Loss: 3.567 | Acc: 21.330% (2133/10000)

Epoch: 34

Train Loss: 3.413 | Acc: 23.043% (23043/100000)

Test Loss: 3.687 | Acc: 20.040% (2004/10000)

Epoch: 35

Train Loss: 3.413 | Acc: 23.067% (23067/100000)

Test Loss: 3.588 | Acc: 21.130% (2113/10000)

Epoch: 36

Train Loss: 3.403 | Acc: 23.017% (23017/100000)

Test Loss: 3.482 | Acc: 22.570% (2257/10000)

Epoch: 37

Train Loss: 3.405 | Acc: 23.129% (23129/100000)

Test Loss: 3.626 | Acc: 20.610% (2061/10000)

Epoch: 38

Train Loss: 3.396 | Acc: 23.205% (23205/100000)

Test Loss: 3.746 | Acc: 18.680% (1868/10000)

Epoch: 39

Train Loss: 3.395 | Acc: 23.058% (23058/100000)

Test Loss: 3.536 | Acc: 20.190% (2019/10000)

Epoch: 40

Train Loss: 3.391 | Acc: 23.231% (23231/100000)

Test Loss: 3.634 | Acc: 20.810% (2081/10000)

Epoch: 41

Train Loss: 3.386 | Acc: 23.352% (23352/100000)

Test Loss: 3.754 | Acc: 17.910% (1791/10000)

Epoch: 42

Train Loss: 3.381 | Acc: 23.558% (23558/100000)

Test Loss: 3.500 | Acc: 22.330% (2233/10000)

Epoch: 43

Train Loss: 3.375 | Acc: 23.618% (23618/100000)

Test Loss: 3.427 | Acc: 23.350% (2335/10000)

Epoch: 44

Train Loss: 3.372 | Acc: 23.783% (23783/100000)

Test Loss: 3.512 | Acc: 21.330% (2133/10000)

Epoch: 45

Train Loss: 3.361 | Acc: 23.892% (23892/100000)

Test Loss: 3.504 | Acc: 22.140% (2214/10000)

Epoch: 46

Train Loss: 3.361 | Acc: 23.951% (23951/100000)

Test Loss: 3.722 | Acc: 19.640% (1964/10000)

Epoch: 47

Train Loss: 3.353 | Acc: 23.970% (23970/100000)

Test Loss: 3.420 | Acc: 23.040% (2304/10000)

Epoch: 48

Train Loss: 3.348 | Acc: 23.906% (23906/100000)

Test Loss: 3.583 | Acc: 20.980% (2098/10000)

Epoch: 49

Train Loss: 3.341 | Acc: 24.259% (24259/100000)

Test Loss: 3.514 | Acc: 22.270% (2227/10000)

Epoch: 50

Train Loss: 3.334 | Acc: 24.338% (24338/100000)

Test Loss: 3.497 | Acc: 22.050% (2205/10000)

Epoch: 51

Train Loss: 3.328 | Acc: 24.319% (24319/100000)

Test Loss: 3.365 | Acc: 24.910% (2491/10000)

Epoch: 52

Train Loss: 3.319 | Acc: 24.708% (24708/100000)

Test Loss: 3.441 | Acc: 22.520% (2252/10000)

Epoch: 53

Train Loss: 3.317 | Acc: 24.716% (24716/100000)

Test Loss: 3.343 | Acc: 24.510% (2451/10000)

Epoch: 54

Train Loss: 3.307 | Acc: 24.887% (24887/100000)

Test Loss: 3.383 | Acc: 23.930% (2393/10000)

Epoch: 55

Train Loss: 3.306 | Acc: 24.857% (24857/100000)

Test Loss: 3.686 | Acc: 22.380% (2238/10000)

Epoch: 56

Train Loss: 3.293 | Acc: 25.025% (25025/100000)

Test Loss: 3.540 | Acc: 22.170% (2217/10000)

Epoch: 57

Train Loss: 3.291 | Acc: 25.021% (25021/100000)

Test Loss: 3.531 | Acc: 21.170% (2117/10000)

Epoch: 58

Train Loss: 3.286 | Acc: 25.034% (25034/100000)

Test Loss: 3.491 | Acc: 22.590% (2259/10000)

Epoch: 59

Train Loss: 3.278 | Acc: 25.279% (25279/100000)

Test Loss: 3.442 | Acc: 23.200% (2320/10000)

Epoch: 60

Train Loss: 3.269 | Acc: 25.335% (25335/100000)

Test Loss: 3.313 | Acc: 24.810% (2481/10000)

Epoch: 61

Train Loss: 3.258 | Acc: 25.653% (25653/100000)

Test Loss: 3.568 | Acc: 22.290% (2229/10000)

Epoch: 62

Train Loss: 3.251 | Acc: 25.740% (25740/100000)

Test Loss: 3.565 | Acc: 21.640% (2164/10000)

Epoch: 63

Train Loss: 3.238 | Acc: 25.883% (25883/100000)

Test Loss: 3.505 | Acc: 22.840% (2284/10000)

Epoch: 64

Train Loss: 3.220 | Acc: 26.290% (26290/100000)

Test Loss: 3.397 | Acc: 24.930% (2493/10000)

Epoch: 65

Train Loss: 3.215 | Acc: 26.488% (26488/100000)

Test Loss: 3.350 | Acc: 24.760% (2476/10000)

Epoch: 66

Train Loss: 3.207 | Acc: 26.510% (26510/100000)

Test Loss: 3.197 | Acc: 27.090% (2709/10000)

Epoch: 67

Train Loss: 3.195 | Acc: 26.869% (26869/100000)

Test Loss: 3.302 | Acc: 25.430% (2543/10000)

Epoch: 68

Train Loss: 3.185 | Acc: 26.988% (26988/100000)

Test Loss: 3.350 | Acc: 24.160% (2416/10000)

Epoch: 69

Train Loss: 3.171 | Acc: 27.144% (27144/100000)

Test Loss: 3.302 | Acc: 25.540% (2554/10000)

Epoch: 70

Train Loss: 3.165 | Acc: 27.199% (27199/100000)

Test Loss: 3.394 | Acc: 24.570% (2457/10000)

Epoch: 71

Train Loss: 3.157 | Acc: 27.503% (27503/100000)

Test Loss: 3.418 | Acc: 23.920% (2392/10000)

Epoch: 72

Train Loss: 3.143 | Acc: 27.710% (27710/100000)

Test Loss: 3.295 | Acc: 25.070% (2507/10000)

Epoch: 73

Train Loss: 3.136 | Acc: 27.776% (27776/100000)

Test Loss: 3.479 | Acc: 23.030% (2303/10000)

Epoch: 74

Train Loss: 3.124 | Acc: 27.898% (27898/100000)

Test Loss: 3.381 | Acc: 25.820% (2582/10000)

Epoch: 75

Train Loss: 3.116 | Acc: 28.318% (28318/100000)

Test Loss: 3.250 | Acc: 26.540% (2654/10000)

Epoch: 76

Train Loss: 3.107 | Acc: 28.426% (28426/100000)

Test Loss: 3.150 | Acc: 28.250% (2825/10000)

Epoch: 77

Train Loss: 3.100 | Acc: 28.414% (28414/100000)

Test Loss: 3.258 | Acc: 26.710% (2671/10000)

Epoch: 78

Train Loss: 3.090 | Acc: 28.797% (28797/100000)

Test Loss: 3.111 | Acc: 28.420% (2842/10000)

Epoch: 79

Train Loss: 3.078 | Acc: 29.075% (29075/100000)

Test Loss: 3.570 | Acc: 22.770% (2277/10000)

Epoch: 80

Train Loss: 3.071 | Acc: 29.107% (29107/100000)

Test Loss: 3.241 | Acc: 26.210% (2621/10000)

Epoch: 81

Train Loss: 3.059 | Acc: 29.234% (29234/100000)

Test Loss: 3.265 | Acc: 27.320% (2732/10000)

Epoch: 82

Train Loss: 3.047 | Acc: 29.543% (29543/100000)

Test Loss: 3.219 | Acc: 27.020% (2702/10000)

Epoch: 83

Train Loss: 3.040 | Acc: 29.564% (29564/100000)

Test Loss: 3.272 | Acc: 26.440% (2644/10000)

Epoch: 84

Train Loss: 3.031 | Acc: 29.800% (29800/100000)

Test Loss: 3.550 | Acc: 21.960% (2196/10000)

Epoch: 85

Train Loss: 3.020 | Acc: 30.063% (30063/100000)

Test Loss: 3.202 | Acc: 27.190% (2719/10000)

Epoch: 86

Train Loss: 3.009 | Acc: 30.284% (30284/100000)

Test Loss: 3.165 | Acc: 28.730% (2873/10000)

Epoch: 87

Train Loss: 2.998 | Acc: 30.572% (30572/100000)

Test Loss: 3.055 | Acc: 29.450% (2945/10000)

Epoch: 88

Train Loss: 2.988 | Acc: 30.448% (30448/100000)

Test Loss: 3.098 | Acc: 28.500% (2850/10000)

Epoch: 89

Train Loss: 2.971 | Acc: 31.013% (31013/100000)

Test Loss: 3.114 | Acc: 28.980% (2898/10000)

Epoch: 90

Train Loss: 2.962 | Acc: 31.028% (31028/100000)

Test Loss: 3.088 | Acc: 29.150% (2915/10000)

Epoch: 91

Train Loss: 2.951 | Acc: 31.241% (31241/100000)

Test Loss: 3.120 | Acc: 28.960% (2896/10000)

Epoch: 92

Train Loss: 2.948 | Acc: 31.254% (31254/100000)

Test Loss: 2.954 | Acc: 31.250% (3125/10000)

Epoch: 93

Train Loss: 2.932 | Acc: 31.574% (31574/100000)

Test Loss: 3.120 | Acc: 29.710% (2971/10000)

Epoch: 94

Train Loss: 2.922 | Acc: 31.840% (31840/100000)

Test Loss: 3.145 | Acc: 28.370% (2837/10000)

Epoch: 95

Train Loss: 2.909 | Acc: 32.042% (32042/100000)

Test Loss: 2.968 | Acc: 31.720% (3172/10000)

Epoch: 96

Train Loss: 2.895 | Acc: 32.294% (32294/100000)

Test Loss: 3.051 | Acc: 30.170% (3017/10000)

Epoch: 97

Train Loss: 2.883 | Acc: 32.684% (32684/100000)

Test Loss: 2.906 | Acc: 32.030% (3203/10000)

Epoch: 98

Train Loss: 2.863 | Acc: 32.871% (32871/100000)

Test Loss: 3.002 | Acc: 29.630% (2963/10000)

Epoch: 99

Train Loss: 2.857 | Acc: 33.110% (33110/100000)

Test Loss: 3.035 | Acc: 30.600% (3060/10000)

Epoch: 100

Train Loss: 2.832 | Acc: 33.410% (33410/100000)

Test Loss: 2.992 | Acc: 30.970% (3097/10000)

Epoch: 101

Train Loss: 2.820 | Acc: 33.703% (33703/100000)

Test Loss: 2.881 | Acc: 32.590% (3259/10000)

Epoch: 102

Train Loss: 2.801 | Acc: 34.093% (34093/100000)

Test Loss: 2.980 | Acc: 30.950% (3095/10000)

Epoch: 103

Train Loss: 2.783 | Acc: 34.359% (34359/100000)

Test Loss: 2.915 | Acc: 31.720% (3172/10000)

Epoch: 104

Train Loss: 2.778 | Acc: 34.737% (34737/100000)

Test Loss: 2.760 | Acc: 35.390% (3539/10000)

Epoch: 105

Train Loss: 2.759 | Acc: 34.800% (34800/100000)

Test Loss: 2.811 | Acc: 34.100% (3410/10000)

Epoch: 106

Train Loss: 2.745 | Acc: 35.221% (35221/100000)

Test Loss: 2.916 | Acc: 32.620% (3262/10000)

Epoch: 107

Train Loss: 2.731 | Acc: 35.304% (35304/100000)

Test Loss: 2.792 | Acc: 34.800% (3480/10000)

Epoch: 108

Train Loss: 2.717 | Acc: 35.837% (35837/100000)

Test Loss: 2.837 | Acc: 34.460% (3446/10000)

Epoch: 109

Train Loss: 2.695 | Acc: 36.240% (36240/100000)

Test Loss: 2.949 | Acc: 32.370% (3237/10000)

Epoch: 110

Train Loss: 2.687 | Acc: 36.175% (36175/100000)

Test Loss: 2.779 | Acc: 34.990% (3499/10000)

Epoch: 111

Train Loss: 2.671 | Acc: 36.594% (36594/100000)

Test Loss: 2.946 | Acc: 32.310% (3231/10000)

Epoch: 112

Train Loss: 2.657 | Acc: 36.900% (36900/100000)

Test Loss: 2.747 | Acc: 34.230% (3423/10000)

Epoch: 113

Train Loss: 2.643 | Acc: 37.257% (37257/100000)

Test Loss: 2.906 | Acc: 32.780% (3278/10000)

Epoch: 114

Train Loss: 2.624 | Acc: 37.634% (37634/100000)

Test Loss: 2.822 | Acc: 34.210% (3421/10000)

Epoch: 115

Train Loss: 2.609 | Acc: 37.875% (37875/100000)

Test Loss: 2.700 | Acc: 36.780% (3678/10000)

Epoch: 116

Train Loss: 2.604 | Acc: 37.992% (37992/100000)

Test Loss: 2.984 | Acc: 33.360% (3336/10000)

Epoch: 117

Train Loss: 2.581 | Acc: 38.374% (38374/100000)

Test Loss: 2.744 | Acc: 35.960% (3596/10000)

Epoch: 118

Train Loss: 2.571 | Acc: 38.517% (38517/100000)

Test Loss: 2.610 | Acc: 38.320% (3832/10000)

Epoch: 119

Train Loss: 2.550 | Acc: 39.000% (39000/100000)

Test Loss: 2.596 | Acc: 38.710% (3871/10000)

Epoch: 120

Train Loss: 2.529 | Acc: 39.614% (39614/100000)

Test Loss: 2.664 | Acc: 37.130% (3713/10000)

Epoch: 121

Train Loss: 2.515 | Acc: 39.801% (39801/100000)

Test Loss: 2.621 | Acc: 38.090% (3809/10000)

Epoch: 122

Train Loss: 2.497 | Acc: 40.095% (40095/100000)

Test Loss: 2.541 | Acc: 40.050% (4005/10000)

Epoch: 123

Train Loss: 2.487 | Acc: 40.340% (40340/100000)

Test Loss: 2.505 | Acc: 40.410% (4041/10000)

Epoch: 124

Train Loss: 2.467 | Acc: 40.898% (40898/100000)

Test Loss: 2.617 | Acc: 38.260% (3826/10000)

Epoch: 125

Train Loss: 2.449 | Acc: 41.057% (41057/100000)

Test Loss: 2.538 | Acc: 39.770% (3977/10000)

Epoch: 126

Train Loss: 2.428 | Acc: 41.536% (41536/100000)

Test Loss: 2.606 | Acc: 38.120% (3812/10000)

Epoch: 127

Train Loss: 2.417 | Acc: 41.807% (41807/100000)

Test Loss: 2.486 | Acc: 40.700% (4070/10000)

Epoch: 128

Train Loss: 2.394 | Acc: 42.179% (42179/100000)

Test Loss: 2.483 | Acc: 41.130% (4113/10000)

Epoch: 129

Train Loss: 2.378 | Acc: 42.554% (42554/100000)

Test Loss: 2.491 | Acc: 40.580% (4058/10000)

Epoch: 130

Train Loss: 2.365 | Acc: 42.830% (42830/100000)

Test Loss: 2.542 | Acc: 39.810% (3981/10000)

Epoch: 131

Train Loss: 2.339 | Acc: 43.330% (43330/100000)

Test Loss: 2.498 | Acc: 40.870% (4087/10000)

Epoch: 132

Train Loss: 2.318 | Acc: 43.679% (43679/100000)

Test Loss: 2.468 | Acc: 41.050% (4105/10000)

Epoch: 133

Train Loss: 2.307 | Acc: 44.154% (44154/100000)

Test Loss: 2.417 | Acc: 41.640% (4164/10000)

Epoch: 134

Train Loss: 2.285 | Acc: 44.432% (44432/100000)

Test Loss: 2.392 | Acc: 42.860% (4286/10000)

Epoch: 135

Train Loss: 2.269 | Acc: 44.766% (44766/100000)

Test Loss: 2.329 | Acc: 43.690% (4369/10000)

Epoch: 136

Train Loss: 2.245 | Acc: 45.235% (45235/100000)

Test Loss: 2.490 | Acc: 41.380% (4138/10000)

Epoch: 137

Train Loss: 2.226 | Acc: 45.769% (45769/100000)

Test Loss: 2.469 | Acc: 41.450% (4145/10000)

Epoch: 138

Train Loss: 2.204 | Acc: 46.106% (46106/100000)

Test Loss: 2.356 | Acc: 43.360% (4336/10000)

Epoch: 139

Train Loss: 2.187 | Acc: 46.400% (46400/100000)

Test Loss: 2.309 | Acc: 44.740% (4474/10000)

Epoch: 140

Train Loss: 2.163 | Acc: 46.996% (46996/100000)

Test Loss: 2.317 | Acc: 44.530% (4453/10000)

Epoch: 141

Train Loss: 2.145 | Acc: 47.486% (47486/100000)

Test Loss: 2.423 | Acc: 42.150% (4215/10000)

Epoch: 142

Train Loss: 2.125 | Acc: 47.936% (47936/100000)

Test Loss: 2.261 | Acc: 45.190% (4519/10000)

Epoch: 143

Train Loss: 2.100 | Acc: 48.192% (48192/100000)

Test Loss: 2.226 | Acc: 46.530% (4653/10000)

Epoch: 144

Train Loss: 2.078 | Acc: 48.609% (48609/100000)

Test Loss: 2.282 | Acc: 44.950% (4495/10000)

Epoch: 145

Train Loss: 2.055 | Acc: 49.256% (49256/100000)

Test Loss: 2.275 | Acc: 45.770% (4577/10000)

Epoch: 146

Train Loss: 2.032 | Acc: 49.795% (49795/100000)

Test Loss: 2.204 | Acc: 46.530% (4653/10000)

Epoch: 147

Train Loss: 2.005 | Acc: 50.362% (50362/100000)

Test Loss: 2.208 | Acc: 46.320% (4632/10000)

Epoch: 148

Train Loss: 1.991 | Acc: 50.579% (50579/100000)

Test Loss: 2.183 | Acc: 47.460% (4746/10000)

Epoch: 149

Train Loss: 1.956 | Acc: 51.384% (51384/100000)

Test Loss: 2.099 | Acc: 49.380% (4938/10000)

Epoch: 150

Train Loss: 1.938 | Acc: 51.905% (51905/100000)

Test Loss: 2.174 | Acc: 47.510% (4751/10000)

Epoch: 151

Train Loss: 1.910 | Acc: 52.265% (52265/100000)

Test Loss: 2.049 | Acc: 50.140% (5014/10000)

Epoch: 152

Train Loss: 1.877 | Acc: 53.057% (53057/100000)

Test Loss: 2.134 | Acc: 48.290% (4829/10000)

Epoch: 153

Train Loss: 1.860 | Acc: 53.334% (53334/100000)

Test Loss: 2.105 | Acc: 48.980% (4898/10000)

Epoch: 154

Train Loss: 1.830 | Acc: 54.052% (54052/100000)

Test Loss: 2.160 | Acc: 48.580% (4858/10000)

Epoch: 155

Train Loss: 1.800 | Acc: 54.684% (54684/100000)

Test Loss: 2.152 | Acc: 48.150% (4815/10000)

Epoch: 156

Train Loss: 1.778 | Acc: 55.366% (55366/100000)

Test Loss: 2.013 | Acc: 50.980% (5098/10000)

Epoch: 157

Train Loss: 1.749 | Acc: 55.773% (55773/100000)

Test Loss: 2.054 | Acc: 49.940% (4994/10000)

Epoch: 158

Train Loss: 1.717 | Acc: 56.607% (56607/100000)

Test Loss: 1.997 | Acc: 51.260% (5126/10000)

Epoch: 159

Train Loss: 1.687 | Acc: 57.049% (57049/100000)

Test Loss: 1.955 | Acc: 52.450% (5245/10000)

Epoch: 160

Train Loss: 1.658 | Acc: 57.717% (57717/100000)

Test Loss: 1.966 | Acc: 52.340% (5234/10000)

Epoch: 161

Train Loss: 1.624 | Acc: 58.512% (58512/100000)

Test Loss: 1.989 | Acc: 52.090% (5209/10000)

Epoch: 162

Train Loss: 1.591 | Acc: 59.405% (59405/100000)

Test Loss: 1.917 | Acc: 53.270% (5327/10000)

Epoch: 163

Train Loss: 1.561 | Acc: 59.962% (59962/100000)

Test Loss: 1.878 | Acc: 54.110% (5411/10000)

Epoch: 164

Train Loss: 1.525 | Acc: 60.837% (60837/100000)

Test Loss: 1.855 | Acc: 54.770% (5477/10000)

Epoch: 165

Train Loss: 1.486 | Acc: 61.640% (61640/100000)

Test Loss: 1.880 | Acc: 54.690% (5469/10000)

Epoch: 166

Train Loss: 1.456 | Acc: 62.340% (62340/100000)

Test Loss: 1.899 | Acc: 53.990% (5399/10000)

Epoch: 167

Train Loss: 1.415 | Acc: 63.268% (63268/100000)

Test Loss: 1.865 | Acc: 55.350% (5535/10000)

Epoch: 168

Train Loss: 1.379 | Acc: 64.109% (64109/100000)

Test Loss: 1.844 | Acc: 55.170% (5517/10000)

Epoch: 169

Train Loss: 1.338 | Acc: 65.112% (65112/100000)

Test Loss: 1.871 | Acc: 54.950% (5495/10000)

Epoch: 170

Train Loss: 1.300 | Acc: 65.822% (65822/100000)

Test Loss: 1.840 | Acc: 56.020% (5602/10000)

Epoch: 171

Train Loss: 1.253 | Acc: 67.016% (67016/100000)

Test Loss: 1.791 | Acc: 56.750% (5675/10000)

Epoch: 172

Train Loss: 1.212 | Acc: 67.996% (67996/100000)

Test Loss: 1.797 | Acc: 56.660% (5666/10000)

Epoch: 173

Train Loss: 1.167 | Acc: 69.182% (69182/100000)

Test Loss: 1.764 | Acc: 58.010% (5801/10000)

Epoch: 174

Train Loss: 1.124 | Acc: 70.167% (70167/100000)

Test Loss: 1.794 | Acc: 57.580% (5758/10000)

Epoch: 175

Train Loss: 1.077 | Acc: 71.251% (71251/100000)

Test Loss: 1.767 | Acc: 58.220% (5822/10000)

Epoch: 176

Train Loss: 1.019 | Acc: 72.776% (72776/100000)

Test Loss: 1.801 | Acc: 57.370% (5737/10000)

Epoch: 177

Train Loss: 0.969 | Acc: 73.856% (73856/100000)

Test Loss: 1.744 | Acc: 58.890% (5889/10000)

Epoch: 178

Train Loss: 0.916 | Acc: 75.282% (75282/100000)

Test Loss: 1.734 | Acc: 58.730% (5873/10000)

Epoch: 179

Train Loss: 0.862 | Acc: 76.552% (76552/100000)

Test Loss: 1.741 | Acc: 58.900% (5890/10000)

Epoch: 180

Train Loss: 0.800 | Acc: 78.332% (78332/100000)

Test Loss: 1.738 | Acc: 59.660% (5966/10000)

Epoch: 181

Train Loss: 0.748 | Acc: 79.488% (79488/100000)

Test Loss: 1.737 | Acc: 59.820% (5982/10000)

Epoch: 182

Train Loss: 0.681 | Acc: 81.371% (81371/100000)

Test Loss: 1.762 | Acc: 60.270% (6027/10000)

Epoch: 183

Train Loss: 0.620 | Acc: 83.090% (83090/100000)

Test Loss: 1.748 | Acc: 59.950% (5995/10000)

Epoch: 184

Train Loss: 0.563 | Acc: 84.618% (84618/100000)

Test Loss: 1.748 | Acc: 60.210% (6021/10000)

Epoch: 185

Train Loss: 0.499 | Acc: 86.547% (86547/100000)

Test Loss: 1.777 | Acc: 60.390% (6039/10000)

Epoch: 186

Train Loss: 0.442 | Acc: 88.062% (88062/100000)

Test Loss: 1.764 | Acc: 60.790% (6079/10000)

Epoch: 187

Train Loss: 0.386 | Acc: 89.780% (89780/100000)

Test Loss: 1.741 | Acc: 61.300% (6130/10000)

Epoch: 188

Train Loss: 0.338 | Acc: 91.213% (91213/100000)

Test Loss: 1.735 | Acc: 61.420% (6142/10000)

Epoch: 189

Train Loss: 0.293 | Acc: 92.611% (92611/100000)

Test Loss: 1.748 | Acc: 61.670% (6167/10000)

Epoch: 190

Train Loss: 0.255 | Acc: 93.796% (93796/100000)

Test Loss: 1.757 | Acc: 61.730% (6173/10000)

Epoch: 191

Train Loss: 0.221 | Acc: 94.827% (94827/100000)

Test Loss: 1.733 | Acc: 62.490% (6249/10000)

Epoch: 192

Train Loss: 0.198 | Acc: 95.601% (95601/100000)

Test Loss: 1.745 | Acc: 62.280% (6228/10000)

Epoch: 193

Train Loss: 0.178 | Acc: 96.142% (96142/100000)

Test Loss: 1.743 | Acc: 62.430% (6243/10000)

Epoch: 194

Train Loss: 0.163 | Acc: 96.598% (96598/100000)

Test Loss: 1.734 | Acc: 62.720% (6272/10000)

Epoch: 195

Train Loss: 0.152 | Acc: 97.027% (97027/100000)

Test Loss: 1.744 | Acc: 62.540% (6254/10000)

Epoch: 196

Train Loss: 0.143 | Acc: 97.247% (97247/100000)

Test Loss: 1.730 | Acc: 62.620% (6262/10000)

Epoch: 197

Train Loss: 0.138 | Acc: 97.395% (97395/100000)

Test Loss: 1.745 | Acc: 62.820% (6282/10000)

Epoch: 198

Train Loss: 0.132 | Acc: 97.557% (97557/100000)

Test Loss: 1.738 | Acc: 62.850% (6285/10000)

Epoch: 199

Train Loss: 0.133 | Acc: 97.593% (97593/100000)

Test Loss: 1.733 | Acc: 62.940% (6294/10000)

Resnet152\_original\_tiny:

Epoch: 0

Train Loss: 5.259 | Acc: 1.573% (1573/100000)

Test Loss: 4.996 | Acc: 2.530% (253/10000)

Epoch: 1

Train Loss: 4.631 | Acc: 5.907% (5907/100000)

Test Loss: 4.503 | Acc: 8.170% (817/10000)

Epoch: 2

Train Loss: 4.161 | Acc: 11.137% (11137/100000)

Test Loss: 4.553 | Acc: 9.330% (933/10000)

Epoch: 3

Train Loss: 3.946 | Acc: 14.117% (14117/100000)

Test Loss: 4.000 | Acc: 13.480% (1348/10000)

Epoch: 4

Train Loss: 3.846 | Acc: 15.745% (15745/100000)

Test Loss: 3.927 | Acc: 15.130% (1513/10000)

Epoch: 5

Train Loss: 3.787 | Acc: 16.600% (16600/100000)

Test Loss: 3.937 | Acc: 14.760% (1476/10000)

Epoch: 6

Train Loss: 3.750 | Acc: 17.134% (17134/100000)

Test Loss: 3.761 | Acc: 18.120% (1812/10000)

Epoch: 7

Train Loss: 3.714 | Acc: 18.049% (18049/100000)

Test Loss: 3.788 | Acc: 16.760% (1676/10000)

Epoch: 8

Train Loss: 3.681 | Acc: 18.313% (18313/100000)

Test Loss: 3.666 | Acc: 18.660% (1866/10000)

Epoch: 9

Train Loss: 3.662 | Acc: 18.617% (18617/100000)

Test Loss: 3.872 | Acc: 15.930% (1593/10000)

Epoch: 10

Train Loss: 3.636 | Acc: 19.179% (19179/100000)

Test Loss: 3.951 | Acc: 14.830% (1483/10000)

Epoch: 11

Train Loss: 3.617 | Acc: 19.428% (19428/100000)

Test Loss: 3.655 | Acc: 19.520% (1952/10000)

Epoch: 12

Train Loss: 3.603 | Acc: 19.540% (19540/100000)

Test Loss: 3.593 | Acc: 20.480% (2048/10000)

Epoch: 13

Train Loss: 3.588 | Acc: 19.747% (19747/100000)

Test Loss: 3.569 | Acc: 20.660% (2066/10000)

Epoch: 14

Train Loss: 3.579 | Acc: 20.049% (20049/100000)

Test Loss: 3.835 | Acc: 17.180% (1718/10000)

Epoch: 15

Train Loss: 3.567 | Acc: 20.274% (20274/100000)

Test Loss: 3.682 | Acc: 19.270% (1927/10000)

Epoch: 16

Train Loss: 3.556 | Acc: 20.328% (20328/100000)

Test Loss: 3.781 | Acc: 17.740% (1774/10000)

Epoch: 17

Train Loss: 3.547 | Acc: 20.706% (20706/100000)

Test Loss: 3.688 | Acc: 19.030% (1903/10000)

Epoch: 18

Train Loss: 3.541 | Acc: 20.647% (20647/100000)

Test Loss: 3.920 | Acc: 16.570% (1657/10000)

Epoch: 19

Train Loss: 3.531 | Acc: 20.965% (20965/100000)

Test Loss: 3.651 | Acc: 19.290% (1929/10000)

Epoch: 20

Train Loss: 3.522 | Acc: 20.881% (20881/100000)

Test Loss: 3.713 | Acc: 19.110% (1911/10000)

Epoch: 21

Train Loss: 3.515 | Acc: 21.098% (21098/100000)

Test Loss: 3.678 | Acc: 19.670% (1967/10000)

Epoch: 22

Train Loss: 3.506 | Acc: 21.142% (21142/100000)

Test Loss: 3.556 | Acc: 21.910% (2191/10000)

Epoch: 23

Train Loss: 3.506 | Acc: 21.523% (21523/100000)

Test Loss: 3.761 | Acc: 17.930% (1793/10000)

Epoch: 24

Train Loss: 3.498 | Acc: 21.489% (21489/100000)

Test Loss: 3.826 | Acc: 17.960% (1796/10000)

Epoch: 25

Train Loss: 3.492 | Acc: 21.511% (21511/100000)

Test Loss: 3.776 | Acc: 18.350% (1835/10000)

Epoch: 26

Train Loss: 3.486 | Acc: 21.679% (21679/100000)

Test Loss: 3.698 | Acc: 20.450% (2045/10000)

Epoch: 27

Train Loss: 3.476 | Acc: 21.823% (21823/100000)

Test Loss: 3.601 | Acc: 19.970% (1997/10000)

Epoch: 28

Train Loss: 3.475 | Acc: 21.763% (21763/100000)

Test Loss: 3.510 | Acc: 21.220% (2122/10000)

Epoch: 29

Train Loss: 3.466 | Acc: 21.870% (21870/100000)

Test Loss: 3.710 | Acc: 19.530% (1953/10000)

Epoch: 30

Train Loss: 3.471 | Acc: 21.914% (21914/100000)

Test Loss: 3.519 | Acc: 21.700% (2170/10000)

Epoch: 31

Train Loss: 3.463 | Acc: 21.985% (21985/100000)

Test Loss: 3.634 | Acc: 20.820% (2082/10000)

Epoch: 32

Train Loss: 3.458 | Acc: 22.200% (22200/100000)

Test Loss: 3.529 | Acc: 21.310% (2131/10000)

Epoch: 33

Train Loss: 3.449 | Acc: 22.221% (22221/100000)

Test Loss: 3.488 | Acc: 22.830% (2283/10000)

Epoch: 34

Train Loss: 3.445 | Acc: 22.451% (22451/100000)

Test Loss: 3.577 | Acc: 21.000% (2100/10000)

Epoch: 35

Train Loss: 3.439 | Acc: 22.361% (22361/100000)

Test Loss: 3.653 | Acc: 18.670% (1867/10000)

Epoch: 36

Train Loss: 3.430 | Acc: 22.640% (22640/100000)

Test Loss: 3.686 | Acc: 20.050% (2005/10000)

Epoch: 37

Train Loss: 3.428 | Acc: 22.673% (22673/100000)

Test Loss: 3.639 | Acc: 19.510% (1951/10000)

Epoch: 38

Train Loss: 3.419 | Acc: 22.760% (22760/100000)

Test Loss: 3.628 | Acc: 19.620% (1962/10000)

Epoch: 39

Train Loss: 3.418 | Acc: 22.867% (22867/100000)

Test Loss: 3.783 | Acc: 17.200% (1720/10000)

Epoch: 40

Train Loss: 3.413 | Acc: 22.953% (22953/100000)

Test Loss: 3.464 | Acc: 22.670% (2267/10000)

Epoch: 41

Train Loss: 3.413 | Acc: 22.922% (22922/100000)

Test Loss: 3.562 | Acc: 20.820% (2082/10000)

Epoch: 42

Train Loss: 3.397 | Acc: 23.142% (23142/100000)

Test Loss: 3.568 | Acc: 20.770% (2077/10000)

Epoch: 43

Train Loss: 3.393 | Acc: 23.312% (23312/100000)

Test Loss: 3.402 | Acc: 23.600% (2360/10000)

Epoch: 44

Train Loss: 3.392 | Acc: 23.280% (23280/100000)

Test Loss: 3.697 | Acc: 18.520% (1852/10000)

Epoch: 45

Train Loss: 3.386 | Acc: 23.428% (23428/100000)

Test Loss: 3.751 | Acc: 20.630% (2063/10000)

Epoch: 46

Train Loss: 3.381 | Acc: 23.379% (23379/100000)

Test Loss: 3.520 | Acc: 21.270% (2127/10000)

Epoch: 47

Train Loss: 3.367 | Acc: 23.715% (23715/100000)

Test Loss: 3.655 | Acc: 20.030% (2003/10000)

Epoch: 48

Train Loss: 3.371 | Acc: 23.661% (23661/100000)

Test Loss: 3.666 | Acc: 19.760% (1976/10000)

Epoch: 49

Train Loss: 3.359 | Acc: 23.899% (23899/100000)

Test Loss: 3.442 | Acc: 22.320% (2232/10000)

Epoch: 50

Train Loss: 3.353 | Acc: 24.170% (24170/100000)

Test Loss: 3.567 | Acc: 21.760% (2176/10000)

Epoch: 51

Train Loss: 3.349 | Acc: 24.113% (24113/100000)

Test Loss: 3.736 | Acc: 20.090% (2009/10000)

Epoch: 52

Train Loss: 3.346 | Acc: 24.073% (24073/100000)

Test Loss: 3.406 | Acc: 22.550% (2255/10000)

Epoch: 53

Train Loss: 3.337 | Acc: 24.320% (24320/100000)

Test Loss: 3.364 | Acc: 24.530% (2453/10000)

Epoch: 54

Train Loss: 3.327 | Acc: 24.558% (24558/100000)

Test Loss: 3.697 | Acc: 19.370% (1937/10000)

Epoch: 55

Train Loss: 3.311 | Acc: 24.679% (24679/100000)

Test Loss: 3.593 | Acc: 21.300% (2130/10000)

Epoch: 56

Train Loss: 3.304 | Acc: 24.762% (24762/100000)

Test Loss: 3.421 | Acc: 22.970% (2297/10000)

Epoch: 57

Train Loss: 3.291 | Acc: 25.150% (25150/100000)

Test Loss: 3.405 | Acc: 23.680% (2368/10000)

Epoch: 58

Train Loss: 3.286 | Acc: 25.105% (25105/100000)

Test Loss: 3.409 | Acc: 23.030% (2303/10000)

Epoch: 59

Train Loss: 3.278 | Acc: 25.284% (25284/100000)

Test Loss: 3.433 | Acc: 22.930% (2293/10000)

Epoch: 60

Train Loss: 3.272 | Acc: 25.399% (25399/100000)

Test Loss: 3.351 | Acc: 24.480% (2448/10000)

Epoch: 61

Train Loss: 3.263 | Acc: 25.516% (25516/100000)

Test Loss: 3.427 | Acc: 24.060% (2406/10000)

Epoch: 62

Train Loss: 3.249 | Acc: 25.847% (25847/100000)

Test Loss: 3.359 | Acc: 24.470% (2447/10000)

Epoch: 63

Train Loss: 3.240 | Acc: 25.999% (25999/100000)

Test Loss: 3.301 | Acc: 24.810% (2481/10000)

Epoch: 64

Train Loss: 3.235 | Acc: 26.332% (26332/100000)

Test Loss: 3.303 | Acc: 24.870% (2487/10000)

Epoch: 65

Train Loss: 3.211 | Acc: 26.457% (26457/100000)

Test Loss: 3.362 | Acc: 24.600% (2460/10000)

Epoch: 66

Train Loss: 3.208 | Acc: 26.452% (26452/100000)

Test Loss: 3.368 | Acc: 24.240% (2424/10000)

Epoch: 67

Train Loss: 3.195 | Acc: 26.698% (26698/100000)

Test Loss: 3.496 | Acc: 21.930% (2193/10000)

Epoch: 68

Train Loss: 3.183 | Acc: 26.954% (26954/100000)

Test Loss: 3.499 | Acc: 22.950% (2295/10000)

Epoch: 69

Train Loss: 3.172 | Acc: 27.128% (27128/100000)

Test Loss: 3.324 | Acc: 25.480% (2548/10000)

Epoch: 70

Train Loss: 3.167 | Acc: 27.153% (27153/100000)

Test Loss: 3.249 | Acc: 26.470% (2647/10000)

Epoch: 71

Train Loss: 3.158 | Acc: 27.556% (27556/100000)

Test Loss: 3.288 | Acc: 25.220% (2522/10000)

Epoch: 72

Train Loss: 3.139 | Acc: 27.775% (27775/100000)

Test Loss: 3.184 | Acc: 27.310% (2731/10000)

Epoch: 73

Train Loss: 3.132 | Acc: 27.906% (27906/100000)

Test Loss: 3.256 | Acc: 26.190% (2619/10000)

Epoch: 74

Train Loss: 3.126 | Acc: 27.875% (27875/100000)

Test Loss: 3.333 | Acc: 25.620% (2562/10000)

Epoch: 75

Train Loss: 3.113 | Acc: 28.198% (28198/100000)

Test Loss: 3.124 | Acc: 28.220% (2822/10000)

Epoch: 76

Train Loss: 3.105 | Acc: 28.259% (28259/100000)

Test Loss: 3.329 | Acc: 24.990% (2499/10000)

Epoch: 77

Train Loss: 3.088 | Acc: 28.662% (28662/100000)

Test Loss: 3.223 | Acc: 27.110% (2711/10000)

Epoch: 78

Train Loss: 3.080 | Acc: 28.867% (28867/100000)

Test Loss: 3.305 | Acc: 25.320% (2532/10000)

Epoch: 79

Train Loss: 3.070 | Acc: 29.090% (29090/100000)

Test Loss: 3.174 | Acc: 27.840% (2784/10000)

Epoch: 80

Train Loss: 3.059 | Acc: 29.246% (29246/100000)

Test Loss: 3.297 | Acc: 25.120% (2512/10000)

Epoch: 81

Train Loss: 3.052 | Acc: 29.398% (29398/100000)

Test Loss: 3.361 | Acc: 25.110% (2511/10000)

Epoch: 82

Train Loss: 3.039 | Acc: 29.599% (29599/100000)

Test Loss: 3.460 | Acc: 25.050% (2505/10000)

Epoch: 83

Train Loss: 3.024 | Acc: 29.927% (29927/100000)

Test Loss: 3.057 | Acc: 29.260% (2926/10000)

Epoch: 84

Train Loss: 3.024 | Acc: 29.968% (29968/100000)

Test Loss: 3.154 | Acc: 28.670% (2867/10000)

Epoch: 85

Train Loss: 3.008 | Acc: 30.083% (30083/100000)

Test Loss: 3.060 | Acc: 29.460% (2946/10000)

Epoch: 86

Train Loss: 2.998 | Acc: 30.480% (30480/100000)

Test Loss: 3.128 | Acc: 27.710% (2771/10000)

Epoch: 87

Train Loss: 2.987 | Acc: 30.509% (30509/100000)

Test Loss: 3.026 | Acc: 29.840% (2984/10000)

Epoch: 88

Train Loss: 2.977 | Acc: 30.818% (30818/100000)

Test Loss: 3.105 | Acc: 28.250% (2825/10000)

Epoch: 89

Train Loss: 2.969 | Acc: 30.794% (30794/100000)

Test Loss: 3.160 | Acc: 28.330% (2833/10000)

Epoch: 90

Train Loss: 2.954 | Acc: 31.308% (31308/100000)

Test Loss: 3.027 | Acc: 29.900% (2990/10000)

Epoch: 91

Train Loss: 2.936 | Acc: 31.541% (31541/100000)

Test Loss: 3.015 | Acc: 30.550% (3055/10000)

Epoch: 92

Train Loss: 2.928 | Acc: 31.586% (31586/100000)

Test Loss: 2.983 | Acc: 31.410% (3141/10000)

Epoch: 93

Train Loss: 2.917 | Acc: 32.096% (32096/100000)

Test Loss: 3.123 | Acc: 29.480% (2948/10000)

Epoch: 94

Train Loss: 2.901 | Acc: 32.088% (32088/100000)

Test Loss: 3.112 | Acc: 29.320% (2932/10000)

Epoch: 95

Train Loss: 2.886 | Acc: 32.436% (32436/100000)

Test Loss: 3.124 | Acc: 29.130% (2913/10000)

Epoch: 96

Train Loss: 2.880 | Acc: 32.640% (32640/100000)

Test Loss: 2.983 | Acc: 31.000% (3100/10000)

Epoch: 97

Train Loss: 2.866 | Acc: 32.931% (32931/100000)

Test Loss: 2.884 | Acc: 32.810% (3281/10000)

Epoch: 98

Train Loss: 2.853 | Acc: 33.237% (33237/100000)

Test Loss: 2.984 | Acc: 31.130% (3113/10000)

Epoch: 99

Train Loss: 2.841 | Acc: 33.497% (33497/100000)

Test Loss: 3.145 | Acc: 29.230% (2923/10000)

Epoch: 100

Train Loss: 2.829 | Acc: 33.602% (33602/100000)

Test Loss: 2.890 | Acc: 32.990% (3299/10000)

Epoch: 101

Train Loss: 2.817 | Acc: 33.848% (33848/100000)

Test Loss: 2.888 | Acc: 33.200% (3320/10000)

Epoch: 102

Train Loss: 2.805 | Acc: 34.031% (34031/100000)

Test Loss: 2.983 | Acc: 30.740% (3074/10000)

Epoch: 103

Train Loss: 2.798 | Acc: 34.106% (34106/100000)

Test Loss: 2.927 | Acc: 31.980% (3198/10000)

Epoch: 104

Train Loss: 2.782 | Acc: 34.459% (34459/100000)

Test Loss: 2.890 | Acc: 33.350% (3335/10000)

Epoch: 105

Train Loss: 2.770 | Acc: 34.718% (34718/100000)

Test Loss: 3.009 | Acc: 31.220% (3122/10000)

Epoch: 106

Train Loss: 2.756 | Acc: 35.152% (35152/100000)

Test Loss: 2.851 | Acc: 32.840% (3284/10000)

Epoch: 107

Train Loss: 2.733 | Acc: 35.408% (35408/100000)

Test Loss: 2.830 | Acc: 33.600% (3360/10000)

Epoch: 108

Train Loss: 2.728 | Acc: 35.433% (35433/100000)

Test Loss: 2.910 | Acc: 32.250% (3225/10000)

Epoch: 109

Train Loss: 2.712 | Acc: 35.907% (35907/100000)

Test Loss: 3.145 | Acc: 29.500% (2950/10000)

Epoch: 110

Train Loss: 2.698 | Acc: 36.003% (36003/100000)

Test Loss: 3.039 | Acc: 29.940% (2994/10000)

Epoch: 111

Train Loss: 2.676 | Acc: 36.502% (36502/100000)

Test Loss: 2.868 | Acc: 34.310% (3431/10000)

Epoch: 112

Train Loss: 2.668 | Acc: 36.570% (36570/100000)

Test Loss: 2.707 | Acc: 36.760% (3676/10000)

Epoch: 113

Train Loss: 2.651 | Acc: 37.287% (37287/100000)

Test Loss: 2.870 | Acc: 33.110% (3311/10000)

Epoch: 114

Train Loss: 2.633 | Acc: 37.433% (37433/100000)

Test Loss: 2.844 | Acc: 34.990% (3499/10000)

Epoch: 115

Train Loss: 2.624 | Acc: 37.397% (37397/100000)

Test Loss: 2.749 | Acc: 36.840% (3684/10000)

Epoch: 116

Train Loss: 2.610 | Acc: 38.043% (38043/100000)

Test Loss: 2.682 | Acc: 37.290% (3729/10000)

Epoch: 117

Train Loss: 2.588 | Acc: 38.403% (38403/100000)

Test Loss: 2.816 | Acc: 34.600% (3460/10000)

Epoch: 118

Train Loss: 2.577 | Acc: 38.338% (38338/100000)

Test Loss: 2.846 | Acc: 34.010% (3401/10000)

Epoch: 119

Train Loss: 2.564 | Acc: 38.644% (38644/100000)

Test Loss: 2.596 | Acc: 37.770% (3777/10000)

Epoch: 120

Train Loss: 2.548 | Acc: 38.962% (38962/100000)

Test Loss: 2.707 | Acc: 36.980% (3698/10000)

Epoch: 121

Train Loss: 2.532 | Acc: 39.416% (39416/100000)

Test Loss: 2.687 | Acc: 36.690% (3669/10000)

Epoch: 122

Train Loss: 2.517 | Acc: 39.830% (39830/100000)

Test Loss: 2.638 | Acc: 37.930% (3793/10000)

Epoch: 123

Train Loss: 2.492 | Acc: 40.052% (40052/100000)

Test Loss: 2.664 | Acc: 38.050% (3805/10000)

Epoch: 124

Train Loss: 2.485 | Acc: 40.374% (40374/100000)

Test Loss: 2.625 | Acc: 38.320% (3832/10000)

Epoch: 125

Train Loss: 2.469 | Acc: 40.629% (40629/100000)

Test Loss: 2.647 | Acc: 37.670% (3767/10000)

Epoch: 126

Train Loss: 2.447 | Acc: 40.969% (40969/100000)

Test Loss: 2.553 | Acc: 39.010% (3901/10000)

Epoch: 127

Train Loss: 2.433 | Acc: 41.453% (41453/100000)

Test Loss: 2.550 | Acc: 39.180% (3918/10000)

Epoch: 128

Train Loss: 2.411 | Acc: 41.780% (41780/100000)

Test Loss: 2.548 | Acc: 39.330% (3933/10000)

Epoch: 129

Train Loss: 2.397 | Acc: 41.977% (41977/100000)

Test Loss: 2.526 | Acc: 40.590% (4059/10000)

Epoch: 130

Train Loss: 2.379 | Acc: 42.525% (42525/100000)

Test Loss: 2.549 | Acc: 39.650% (3965/10000)

Epoch: 131

Train Loss: 2.360 | Acc: 42.908% (42908/100000)

Test Loss: 2.530 | Acc: 40.120% (4012/10000)

Epoch: 132

Train Loss: 2.342 | Acc: 43.237% (43237/100000)

Test Loss: 2.453 | Acc: 41.670% (4167/10000)

Epoch: 133

Train Loss: 2.329 | Acc: 43.608% (43608/100000)

Test Loss: 2.410 | Acc: 42.080% (4208/10000)

Epoch: 134

Train Loss: 2.308 | Acc: 43.980% (43980/100000)

Test Loss: 2.410 | Acc: 42.700% (4270/10000)

Epoch: 135

Train Loss: 2.286 | Acc: 44.449% (44449/100000)

Test Loss: 2.420 | Acc: 42.930% (4293/10000)

Epoch: 136

Train Loss: 2.266 | Acc: 44.947% (44947/100000)

Test Loss: 2.469 | Acc: 41.710% (4171/10000)

Epoch: 137

Train Loss: 2.248 | Acc: 45.036% (45036/100000)

Test Loss: 2.410 | Acc: 43.080% (4308/10000)

Epoch: 138

Train Loss: 2.227 | Acc: 45.595% (45595/100000)

Test Loss: 2.391 | Acc: 42.930% (4293/10000)

Epoch: 139

Train Loss: 2.209 | Acc: 46.124% (46124/100000)

Test Loss: 2.326 | Acc: 44.330% (4433/10000)

Epoch: 140

Train Loss: 2.185 | Acc: 46.479% (46479/100000)

Test Loss: 2.334 | Acc: 43.630% (4363/10000)

Epoch: 141

Train Loss: 2.165 | Acc: 46.937% (46937/100000)

Test Loss: 2.329 | Acc: 44.490% (4449/10000)

Epoch: 142

Train Loss: 2.145 | Acc: 47.404% (47404/100000)

Test Loss: 2.292 | Acc: 44.850% (4485/10000)

Epoch: 143

Train Loss: 2.126 | Acc: 47.652% (47652/100000)

Test Loss: 2.315 | Acc: 45.010% (4501/10000)

Epoch: 144

Train Loss: 2.102 | Acc: 48.227% (48227/100000)

Test Loss: 2.254 | Acc: 45.680% (4568/10000)

Epoch: 145

Train Loss: 2.078 | Acc: 48.808% (48808/100000)

Test Loss: 2.286 | Acc: 45.390% (4539/10000)

Epoch: 146

Train Loss: 2.058 | Acc: 49.099% (49099/100000)

Test Loss: 2.225 | Acc: 46.120% (4612/10000)

Epoch: 147

Train Loss: 2.037 | Acc: 49.564% (49564/100000)

Test Loss: 2.354 | Acc: 44.400% (4440/10000)

Epoch: 148

Train Loss: 2.007 | Acc: 50.113% (50113/100000)

Test Loss: 2.201 | Acc: 46.860% (4686/10000)

Epoch: 149

Train Loss: 1.985 | Acc: 50.613% (50613/100000)

Test Loss: 2.145 | Acc: 47.870% (4787/10000)

Epoch: 150

Train Loss: 1.965 | Acc: 51.193% (51193/100000)

Test Loss: 2.183 | Acc: 47.090% (4709/10000)

Epoch: 151

Train Loss: 1.933 | Acc: 51.695% (51695/100000)

Test Loss: 2.143 | Acc: 48.560% (4856/10000)

Epoch: 152

Train Loss: 1.913 | Acc: 52.281% (52281/100000)

Test Loss: 2.191 | Acc: 47.100% (4710/10000)

Epoch: 153

Train Loss: 1.878 | Acc: 53.104% (53104/100000)

Test Loss: 2.132 | Acc: 48.560% (4856/10000)

Epoch: 154

Train Loss: 1.861 | Acc: 53.265% (53265/100000)

Test Loss: 2.051 | Acc: 49.990% (4999/10000)

Epoch: 155

Train Loss: 1.837 | Acc: 53.765% (53765/100000)

Test Loss: 2.061 | Acc: 50.070% (5007/10000)

Epoch: 156

Train Loss: 1.804 | Acc: 54.508% (54508/100000)

Test Loss: 2.013 | Acc: 50.950% (5095/10000)

Epoch: 157

Train Loss: 1.783 | Acc: 55.159% (55159/100000)

Test Loss: 2.006 | Acc: 51.380% (5138/10000)

Epoch: 158

Train Loss: 1.745 | Acc: 56.000% (56000/100000)

Test Loss: 2.037 | Acc: 50.310% (5031/10000)

Epoch: 159

Train Loss: 1.724 | Acc: 56.276% (56276/100000)

Test Loss: 1.936 | Acc: 52.560% (5256/10000)

Epoch: 160

Train Loss: 1.693 | Acc: 56.992% (56992/100000)

Test Loss: 1.952 | Acc: 52.680% (5268/10000)

Epoch: 161

Train Loss: 1.664 | Acc: 57.781% (57781/100000)

Test Loss: 1.984 | Acc: 51.640% (5164/10000)

Epoch: 162

Train Loss: 1.632 | Acc: 58.382% (58382/100000)

Test Loss: 1.936 | Acc: 52.940% (5294/10000)

Epoch: 163

Train Loss: 1.601 | Acc: 59.048% (59048/100000)

Test Loss: 1.944 | Acc: 52.540% (5254/10000)

Epoch: 164

Train Loss: 1.563 | Acc: 59.649% (59649/100000)

Test Loss: 1.936 | Acc: 53.510% (5351/10000)

Epoch: 165

Train Loss: 1.532 | Acc: 60.418% (60418/100000)

Test Loss: 1.904 | Acc: 53.510% (5351/10000)

Epoch: 166

Train Loss: 1.495 | Acc: 61.337% (61337/100000)

Test Loss: 1.880 | Acc: 54.260% (5426/10000)

Epoch: 167

Train Loss: 1.462 | Acc: 61.962% (61962/100000)

Test Loss: 1.894 | Acc: 54.040% (5404/10000)

Epoch: 168

Train Loss: 1.425 | Acc: 62.967% (62967/100000)

Test Loss: 1.880 | Acc: 54.250% (5425/10000)

Epoch: 169

Train Loss: 1.386 | Acc: 63.894% (63894/100000)

Test Loss: 1.848 | Acc: 55.010% (5501/10000)

Epoch: 170

Train Loss: 1.344 | Acc: 64.836% (64836/100000)

Test Loss: 1.824 | Acc: 56.430% (5643/10000)

Epoch: 171

Train Loss: 1.305 | Acc: 65.845% (65845/100000)

Test Loss: 1.816 | Acc: 56.490% (5649/10000)

Epoch: 172

Train Loss: 1.261 | Acc: 66.705% (66705/100000)

Test Loss: 1.819 | Acc: 56.170% (5617/10000)

Epoch: 173

Train Loss: 1.224 | Acc: 67.701% (67701/100000)

Test Loss: 1.843 | Acc: 55.940% (5594/10000)

Epoch: 174

Train Loss: 1.174 | Acc: 68.845% (68845/100000)

Test Loss: 1.789 | Acc: 57.310% (5731/10000)

Epoch: 175

Train Loss: 1.129 | Acc: 69.912% (69912/100000)

Test Loss: 1.752 | Acc: 58.420% (5842/10000)

Epoch: 176

Train Loss: 1.079 | Acc: 71.024% (71024/100000)

Test Loss: 1.759 | Acc: 57.670% (5767/10000)

Epoch: 177

Train Loss: 1.028 | Acc: 72.340% (72340/100000)

Test Loss: 1.784 | Acc: 57.950% (5795/10000)

Epoch: 178

Train Loss: 0.979 | Acc: 73.560% (73560/100000)

Test Loss: 1.756 | Acc: 57.970% (5797/10000)

Epoch: 179

Train Loss: 0.926 | Acc: 75.073% (75073/100000)

Test Loss: 1.741 | Acc: 58.780% (5878/10000)

Epoch: 180

Train Loss: 0.870 | Acc: 76.312% (76312/100000)

Test Loss: 1.742 | Acc: 59.200% (5920/10000)

Epoch: 181

Train Loss: 0.810 | Acc: 77.805% (77805/100000)

Test Loss: 1.716 | Acc: 60.140% (6014/10000)

Epoch: 182

Train Loss: 0.752 | Acc: 79.539% (79539/100000)

Test Loss: 1.752 | Acc: 60.120% (6012/10000)

Epoch: 183

Train Loss: 0.695 | Acc: 81.020% (81020/100000)

Test Loss: 1.754 | Acc: 60.040% (6004/10000)

Epoch: 184

Train Loss: 0.630 | Acc: 82.793% (82793/100000)

Test Loss: 1.774 | Acc: 59.820% (5982/10000)

Epoch: 185

Train Loss: 0.569 | Acc: 84.562% (84562/100000)

Test Loss: 1.758 | Acc: 60.540% (6054/10000)

Epoch: 186

Train Loss: 0.514 | Acc: 86.088% (86088/100000)

Test Loss: 1.743 | Acc: 61.090% (6109/10000)

Epoch: 187

Train Loss: 0.455 | Acc: 87.876% (87876/100000)

Test Loss: 1.732 | Acc: 61.460% (6146/10000)

Epoch: 188

Train Loss: 0.404 | Acc: 89.358% (89358/100000)

Test Loss: 1.721 | Acc: 61.940% (6194/10000)

Epoch: 189

Train Loss: 0.358 | Acc: 90.722% (90722/100000)

Test Loss: 1.729 | Acc: 61.920% (6192/10000)

Epoch: 190

Train Loss: 0.315 | Acc: 92.021% (92021/100000)

Test Loss: 1.732 | Acc: 62.350% (6235/10000)

Epoch: 191

Train Loss: 0.281 | Acc: 93.113% (93113/100000)

Test Loss: 1.733 | Acc: 62.030% (6203/10000)

Epoch: 192

Train Loss: 0.251 | Acc: 94.043% (94043/100000)

Test Loss: 1.703 | Acc: 62.990% (6299/10000)

Epoch: 193

Train Loss: 0.227 | Acc: 94.785% (94785/100000)

Test Loss: 1.725 | Acc: 62.660% (6266/10000)

Epoch: 194

Train Loss: 0.207 | Acc: 95.383% (95383/100000)

Test Loss: 1.717 | Acc: 62.760% (6276/10000)

Epoch: 195

Train Loss: 0.194 | Acc: 95.721% (95721/100000)

Test Loss: 1.720 | Acc: 62.850% (6285/10000)

Epoch: 196

Train Loss: 0.184 | Acc: 96.028% (96028/100000)

Test Loss: 1.719 | Acc: 62.860% (6286/10000)

Epoch: 197

Train Loss: 0.176 | Acc: 96.324% (96324/100000)

Test Loss: 1.721 | Acc: 62.920% (6292/10000)

Epoch: 198

Train Loss: 0.170 | Acc: 96.506% (96506/100000)

Test Loss: 1.711 | Acc: 62.890% (6289/10000)

Epoch: 199

Train Loss: 0.168 | Acc: 96.614% (96614/100000)

Test Loss: 1.718 | Acc: 62.810% (6281/10000)