

```
\033[2m2025-09-25T01:26:32.377545Z\033[0m [\033[32m\033[1minfo      \033[0m] \033[1mSettings loaded
\033[0m [\033[0m\033[1m\033[34mhw03\033[0m]\033[0m \033[36msettings\033[0m=
\033[35m{'debug': False, 'random_seed': 3323844860, 'data': {'batch_size': 128, 'val_split': 0.1}, 'model': {'input_depth': 1, 'layer_depths': [32, 64], 'layer_kernel_sizes': [(3, 3), (3, 3)], 'num_classes': 10, 'dropout': 0.5, 'l2_reg': 0.0001}, 'training': {'batch_size': 128, 'num_iters': 500, 'learning_rate': 0.001}}\033[0m
An NVIDIA GPU may be present on this machine, but a CUDA-enabled jaxlib is not installed. Falling back to cpu.
\033[2m2025-09-25T01:26:44.732358Z\033[0m [\033[32m\033[1minfo      \033[0m] \033[1mStarting training
\033[0m [\033[0m\033[1m\033[34mhw03.training\033[0m]\033[0m \033[36mbatch_size\033[0m=\033[35m128\033[0m \033[36mlearning_rate\033[0m=\033[35m0.001\033[0m \033[36mnum_iters\033[0m=\033[35m500\033[0m
\033[2m2025-09-25T01:28:23.081607Z\033[0m [\033[32m\033[1minfo      \033[0m] \033[1mTraining finished
\033[0m [\033[0m\033[1m\033[34mhw03.training\033[0m]\033[0m
\033[2m2025-09-25T01:28:27.921446Z\033[0m [\033[32m\033[1minfo      \033[0m] \033[1mAccuracy calculated
\033[0m [\033[0m\033[1m\033[34mhw03.training\033[0m]\033[0m \033[36maccuracy\033[0m=\033[35m0.978\033[0m \033[36mcorrect\033[0m=\033[35m5868\033[0m \033[36mdataset\033[0m=\033[35mvalidation\033[0m \033[36mtotal\033[0m=\033[35m6000\033[0m
\033[2m2025-09-25T01:28:31.001686Z\033[0m [\033[32m\033[1minfo      \033[0m] \033[1mAccuracy calculated
\033[0m [\033[0m\033[1m\033[34mhw03.training\033[0m]\033[0m \033[36maccuracy\033[0m=\033[35m0.9794\033[0m \033[36mcorrect\033[0m=\033[35m9794\033[0m \033[36mdataset\033[0m=\033[35mtest\033[0m \033[36mtotal\033[0m=\033[35m10000\033[0m
\033[2m2025-09-25T01:28:31.001990Z\033[0m [\033[32m\033[1minfo      \033[0m] \033[1mFinal test result:
\033[0m [\033[0m\033[1m\033[34mhw03.training\033[0m]\033[0m \033[36maccuracy\033[0m=\033[35m0.9794\033[0m
\033[2m2025-09-25T01:28:31.002831Z\033[0m [\033[32m\033[1minfo      \033[0m] \033[1mTraining completed
\033[0m [\033[0m\033[1m\033[34mhw03\033[0m]\033[0m
```