Hardware	Time (ms)	Time (ms)	Tuner (min)	Time (ms)	Tuner (min)	Time (ms)	Tuner (min)	Time (ms)	Tuner (min)	Time (ms)	Tuner (min)	Time (ms)	Tuner (min)
resnet-18	No opt	Droplet		gridsearch		Random		GA		XGB		Ansor	
AMD3700X	24.48	15.15	25.4	15.31	191.1	15.66	194.1	15.80	194.6	15.38	198.1	15.63	217.0
Inteli7-3770	71.40	45.75	22.7	45.79	184.9	45.75	196.6	45.82	196.1	45.79	210.7	45.57	213.9
Cortex-A7	867.02	640.55	31.0	672.12	300.4	650.62	385.6	641.41	348.4	-	-	-	-
Cortex-A72	276.41	102.39	188.3	125.36	327.7	115.09	435.1	113.93	382.3	105.68	422.8		
RTX3080	0.76	0.53	130.6	1.75	199.5	0.63	195.2	0.53	219.9	0.50	349.9	0.70	189.0
GTX1650	3.93	2.35	88.7	5.72	204.6	2.41	192.2	2.13	191.5	2.03	450.7	2.53	202.7
vgg-16	No opt	Droplet		gridsearch		Random		GA		XGB		Ansor	
AMD3700X	243.28	127.03	16.0	128.96	189.9	128.24	199.8	127.55	195.8	129.59	204.2	122.82	212.7
Inteli7-3770	661.00	399.49	26.5	400.05	286.3	399.60	317.6	399.99	306.9	401.26	333.5	398.50	342.6
Cortex-A7	-	-	-	-	-	-	-	-	-	-	-	-	-
Cortex-A72	1.57k	0.94k	375.1	1.05k	651.5	1.51k	752.7	1.68k	769.8				
RTX3080	2.42	1.92	121.9	3.63	219.3	2.10	198.1	1.95	211.7	1.94	489.2	2.93	208.6
GTX1650	12.00	10.29	117.8	18.94	381.3	10.49	274.9	10.48	238.4	9.58	693.3	15.89	228.2
mobilenet	No opt	Droplet		gridsearch		Random		GA		XGB		Ansor	
AMD3700X	15.32	6.06	38.7	6.70	194.8	6.64	222.8	6.48	206.0	6.40	212.2	5.96	203.8
Inteli7-3770	28.56	17.10	38.9	17.50	354.8	17.18	420.0	17.40	412.3	17.42	427.7	15.05	171.0
Cortex-A7	342.58	293.68	42.1	296.22	266.6	295.05	368.4	293.21	347.0	-	-	-	-
Cortex-A72	240.45	84.76	144.7	241.74	414.1	208.81	532.9	253.56	490.3	261.23	1.3k		
RTX3080	0.44	0.41	127.0	1.39	200.6	0.49	159.1	0.43	201.0	0.42	284.4	0.27	169.5
GTX1650	1.98	1.42	103.4	9.03	186.6	1.60	159.6	1.50	209.7	1.40	386.0	1.24	173.0
mxnet	No opt	Droplet		gridsearch		Random		GA		XGB		Ansor	
AMD3700X	58.37	34.68	46.2	34.55	193.7	33.42	208.2	33.10	204.7	33.17	205.0	34.30	214.3
Inteli7-3770	163.91	99.07	42.5	99.98	186.9	100.47	219.4	100.66	207.5	100.40	214.3	100.44	187.1
Cortex-A7	-	-	-	-	-	-	-	-	-	-	-	-	-
Cortex-A72	-	-	-	-	-	-	-	-	-	-	-	-	-
RTX3080	2.03	1.57	128.9	8.02	184.4	1.83	179.9	1.62	207.9	1.57	337.0	1.42	184.6
GTX1650	10.76	6.79	137.8	60.00	185.8	7.30	183.8	6.97	206.9	6.15	188.4	6.15	188.4
inception_v3	No opt	Droplet		gridsearch		Random		GA		XGB		Ansor	
AMD3700X	85.29	56.95	110.7	57.47	200.5	55.03	207.4	57.99	193.5	55.35	208.7	52.46	212.1
Inteli7-3770	247.59	153.89	110.5	194.44	196.4	157.57	217.2	164.65	194.5	155.50	222.4	150.20	188.4
Cortex-A7	3.42k	2.43k	123.8	2.73k	310.3	2.63k	403.6	2.58k	382.1	-	-	-	-
Cortex-A72	928.34	408.25	260.7	503.07	286.0	439.94	409.5	422.54	376.5	408.26	441.4	430.87	868.9
RTX3080	4.22	4.12	175.8	40.73	189.7	4.43	201.9	3.85	224.1	3.59	364.1	2.72	177.2
GTX1650	26.84	13.62	165.4	307.99	171.9	17.77	202.1	15.32	212.0	15.45	488.6	11.59	183.4