

A10-N305 PERFORMANCE

IOPS(Input/Output Per Second) Performance

Function	RAM	UFS	PCIe[1]	SATA[1]	USB3.0	USB2.0
Write	35.0GB/s	1.09GB/s	2.72GB/s	426.4MB/s	431.3MB/s	43.5MB/s
Read	34.4GB/s	1.03GB/s	3.53GB/s	426.4MB/s	462.0MB/s	43.5MB/s
Function	Eth0	Eth1[1]	Eth2[1]	Wi-Fi 6[2][3]	Wi-Fi 2.4G[2][3]	
Upload	2.33Gbits/s	2.36Gbits/s	2.34Gbits/s	702.6Mbits/s	90.8Mbits/s	
Download	2.34Gbits/s	2.36Gbits/s	2.33Gbits/s	1318Mbits/s	134.5Mbits/s	

[1] Connect the expansion board ACC-A9A10 using NAMTSO Link.

[2] Connect theWi-Fi module AX211 to A10-3588 using the M.2 slot.

[3] Distance: 5 meters between the A10-N305 and the testing router.

Benchmark Performance

Application	Function	Scores
CPU-Z	Single-Core	321
	Multi-Core	2544.3
Cinebench2024	Single-Core	53 pts
	Multi-Core	166 pts
Cinebench23	Single-Core	807
	Multi-Core	2878
Cinebench20	CPU	5.95 pts
	OpenGL	37.85 pts
3D Mark11	Entry	4727
	Performance	2965
	Extreme	834
3D Mark	ICe Storm	53746
	Cloud Gate	9717
	Fire Strike	1887
GeekBench6(CPU)	Single-Core	1083
	Multi-Core	4191
GeekBench6(GPU)	OpenCL	6430
PC Mark10	Score	3351