

A10-3588 PERFORMANCE

IOPS(Input/Output Per Second) Performance

Function	eMMC	SDIO	PCIe[1]	SATA	USB3.0	USB2.0
Write	203.8MB/s	55.8MB/s	2866MB/s	188.5MB/s	367.9MB/s	31.7MB/s
Read	271.0MB/s	63.0MB/s	3118MB/s	192.6MB/s	360.2MB/s	34.0MB/s
Function	Eth0	Eth1[1]	Eth2[1]	Wi-Fi 6[2][3]	Wi-Fi 2.4G[2][3]	
Upload	926Mbits/s	1.83Gbits/s	2.13Gbits/s	458Mbits/s	100Mbits/s	
Download	945Mbits/s	2.19Gbits/s	2.32Gbits/s	630Mbits/s	131Mbits/s	

[1] Connect the ACC-A9A10 expansion board to A10-3588 using NAMTSO Link.

[2] Connect the ACC-A3121 Wi-Fi accessory to A10-3588 using the M.2 slot.

[3] Distance: 5 meters between the A10-3588 and the testing router.

Benchmark Performance

Antutu Test Condition	With Cooling Kit	Without Cooling Kit
CPU	198620	171534
CPU Mathematical Score	25318	21394
CPU Common Use Score	37325	33449
CPU Multi-Core Score	135977	116691
GPU	165132	144999
Seasons - Vulkan	83363	73762
Coastline2 - Vulkan	81769	71237
UX	158936	139266
Data Security Score	19130	16155
Data Processing Score	16739	14002
Image Processing Score	14213	14052
User Experience Score	30742	25232
MEM	103149	108241
RAM	52553	32352
ROM Score	4051	4473
Scores	625837	564040

Antutu Version: V10.1.9

Geekbench Test Condition	With Cooling Kit	Without Cooling Kit
Single-Core Score	635	544
Multi-Core Score	2483	2197
Vulkan Score	3882	3416
Scores	7000	6157

Geekbench Version: V5