

AX-340BT | Fanless Network Security & SD-WAN Appliance



Power Button | Intel 10G SFP x4 | Intel 2.5G Ethernet x6 | USB 3.0 x2 | Console | 12V DC IN



WIFI Antenna (Left) | VGA Display Port | SIM Card Slot | USB Type-C | WIFI Antenna (Right)

Features:

- Total 10 LAN: 6× Intel i226-V 2.5GbE + 4× Intel X553 10G SFP for segmentation and uplink aggregation.
- Atom C3958 16C/16T at 2.0 GHz, 16MB L3, 31W TDP — parallel throughput for packet processing.
- RJ45 Console Port :Out-of-band CLI for provisioning and recovery independent of the data network.
- PXE(diskless boot)/ Wake-on-LAN (WoL)/Auto power-on Scheduled RTC power-on
- Fanless unibody chassis with 12V DC input and 0°C to +40°C operation.



SKU	AX-340BT
Product type	Fanless Network Security & SD-WAN Appliance Industrial Computer
Product color	Extruded Aluminum with Heavy Duty Metal
Operating system	Windows 11 pro, Ubuntu
PROCESSOR/RAM/STORAGE	
Processor Name	Intel® ATOM C3958 (basic 2.0 GHz, 16 cores, 16 threads) , 16MB L3 Cache, TDP 31W
BIOS	AMI BIOS
Memory	2x SO-DIMM socket, DDR4 2400MHz
Storage	2x M.2 2280 SATA
	1x EMCC
Graphics	
Graphic card	ASPEED Graphics Family(WDDM)
Display-output	1x VGA
CONNECTIVITY AND COMMUNICATION: ----- (The below information for Core i5-1345U)	
Network interface	Intergrated 6x Intel® i226-V 2.5G Ethernet Intergrated 4x Intel® X553 10G SFP
4G/5G	1x M.2 B-Key (PCIe+USB3.0, 4G/5G Module), 1x Slim slot
Wireless	1x M.2 E-Key (PCIe_1X, Wifi module)
INTERFACE	
I/O ports	USB 2x 5Gbps USB 3.2 Gen1, Type A 1x USB2.0, Type C
	Display 1x VGA
	Console 1x Console
	LAN 6x Intel® i226-V 2.5G Ethernet 4x Intel® X553 10G SFP
	Audio 1x 3.5mm Combo audio jack
	SIM 1x SIM slot
Power	
Power input	DC in 12V
	1x Phonex termial
	1x Remote Power On/Off, 2-pin Terminal Block

Environment	
Operation Temperature	• 0°C to +40°C • PassMark BurnInTest: 100% CPU, 2D/3D Graphics (without thermal throttling) • With extended temperature peripherals; Ambient with air flow • According to IE61000-3-2, IE61000-3-3
Storage Temperature	-40°C to +80°C
Relative Humidity	• 95% RH @ 40°C (Non-condensing)
Dimensions And Weight	
Dimensions (W x D x H)	218 x 122 x 67 mm
Weight	2 kg
Mounting	• Wall / Side / DIN-RAIL / VESA Mount
Physical Design	• Fanless Design • Cableless Design • Jumper-less Design • Unibody Design
Lifecycle / Warranty / After-sales Service	
Lifetime	5–7 years standard platform availability; up to 10 years of lifecycle support for qualified OEM programs, subject to component availability and PCN/EOL management.
Technical support	Lifetime technical support for OS configuration, BIOS/firmware updates
Warranty	24-month warranty for the complete unit.
* 100% inspected. 18-hour full-load burn-in testing for every industrial motherboard, plus an additional 18-hour test for every complete industrial PC. Full serial-number traceability.	
Business Terms (OEM/ODM)	
MOQ	MOQ 100 Light Customization NRE Refund @ 2K Units
Customization	OEM/ODM services include I/O layout changes, wireless pre-integration, storage upgrades, front-panel branding, and pre-loaded system images for volume projects.
Delivery time	35 days for light customization; lead time for NRE projects depends on the final project scope.

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