

AX-660EBT | Fanless Embedded computer | Extention 3 PCI, 1 PCIe | BITECH



Features:

- Core i5-1235U
- Extention Slot :
- 9–36V wide-range DC input + remote power terminal
- Fanless unibody aluminum design
- Wall / Side / DIN-Rail / VESA mounting
- Windows 11 Pro / Ubuntu / Linux



SKU	AX-660EBT
Product type	Industry Computers (FANLESS)
Product color	Extruded Aluminum with Heavy Duty Metal
Operating system	Windows 11 pro, Ubuntu
PROCESSOR/RAM/STORAGE	
Processor Name	Intel® Core™ Alder Lake i5-1235u (10C/12T, up to 4.4GHz)
CPU Optuion	Haswell (Gen 4th) , Skylake (Gen 6th)Coffee Lake (Gen 8th), and ICE Lake U (Gen 10th)
TPM2.0	TPM2.0
BIOS	/
Memory	2x DIMM-DDR4, Max 32GB
Storage	1x2.5" SATA HDD/SSD, 1x MSATA
Graphics	
Graphic card	Integrated Intel® HD Graphics
Display	1x HDMI, Max 4096 x 2160@30Hz 1x VGA, Max 1920*1200 @60Hz
CONNECTIVITY AND COMMUNICATIONS	
Network interface	Intergrated 2x i226-AT LAN 10/100/1000 2.5GbE
Wireless	1x M.2 E-Key (PCIe_1X, Wifi module)
INTERFACE	
I/O ports	USB 4x 5Gbps USB 3.2 Gen1, Type A 4x USB2.0, Type A
	Display 1x HDMI 1x VGA
	COM 5x RS232 (isolation) 1x RS232/RS422/RS485 (isolation)
	LAN Intergrated 2x i226-AT LAN 10/100/1000 2.5GbE
	Audio 1 x 3.5mm Combo audio jack
	Expansion 2x PCIe or / 1x PCIe1
Power	

Power input	DC 9-36 v, 5.5x2.5 mm
	1x 3-Pin Phonex terminal
	1x Remote Power On/Off, 2-pin Terminal Block
Environment	
Operation Temperature	• -20°C to +65°C • PassMark BurnInTest: 100% CPU, 2D/3D Graphics (without thermal throttling) • With extended temperature peripherals; Ambient with air flow • According to IEC61000-3-2, IEC61000-3-3
Storage Temperature	-40°C to +80°C
Relative Humidity	• 95% RH @ 70°C (Non-condensing)
Shock	15G, 11ms
Vibration	5 - 500 Hz/1 Grms
EMC	• CE, UKCA, FCC, IEC61000-3 Class A • IEC61000-6-4, IEC61000-6-2 (24VDC Input Only)
EMI	• CISPR 32 Conducted & Radiated: Class A • EN/BS EN 55032 Conducted & Radiated: Class A • EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A • EN/BS IEC61000-3-3 Voltage fluctuations & flicker • FCC 47 CFR Part 15B, IEC61000-3 Class A
EMS	• EN/IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV • EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 10 V/m • EN/IEC 61000-4-4 EFT: AC Power: 2 kV; DC Power: 1 kV; Signal: 1 kV • EN/IEC 61000-4-5 Surges: AC Power: 2 kV; Signal: 1 kV • EN/IEC 61000-4-6 CS: 10V (**Compliant with the standard when utilizing shielded ethernet cable.) • EN/IEC 61000-4-8 PFME: 50 Hz, 30A/m • EN/IEC 61000-4-11 Voltage Dips & Voltage Interruptions: 1 cycles at 60 Hz
Dimensions And Weight	
Dimensions (W x D x H)	200 x 200 x 88 mm
Weight	5.5 kg
Mounting	• Wall / Side / DIN-RAIL / VESA Mount
Physical Design	• Fanless Design • Cableless Design • Jumper-less Design • Unibody Design

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BITECH provides scalable hardware platform solutions with optional SDK and OS customization for fast system integration