

AX-520EBT | Fanless Embedded computer | Extension 2 PCI, 2 PCIE | BITECH



Features:

- 6th Gen Intel® Core™ i5-6200U (2C/4T)
- Extension Slot : 2* PCI, 2*PCIE
- 2× RS232/422/485 full-function COM ports
- 2× LAN 10/100/1000 Mbps
- 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-520EBT	
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® Skylake Core™ i5 6200U (up to 2.8 GHz with Intel® Turbo Boost Technology, 3MB L3 cache, 2 cores, 4 threads) ,TDP 15W	
Memory	on board 4GB/8GB 2133MHz	
Storage	1x2.5" SATA HDD/SSD 7P+15P, or 1x mSATA	
Graphics		
Graphic card	Integrated Intel® HD Graphics	
Display	1x 24 bits LVDS (LVDS/eDP one of them options)	
	1x HDMI, 1*VGA	
CONNECTIVITY AND COMMUNICATIONS		
Network interface	Intergrated 2x LAN 10/100/1000 Mbps	
Wireless	1x M.2 E-Key (PCIe_1X, Wifi module)	
INTERFACE		
I/O ports	USB	4x USB2.0, Type A (Front)
		4x USB2.0, Type A (Rear)
	Display	1x HDMI 2.1, 4K@60Hz
		1x VGA
	COM	2x Full RS232/422/485
	LAN	2x LAN 10/100/1000 i211-AT
	PS2	1x PS2
Audio	1x 3.5mm MIC, 1x 3.5mm Line out	
Expansion	2x PCIe or / 1x PCIe1 +1x PCIe4 /	
	1x Mini PCI-E slot, 1x SIM slot	
Power		
Power input	DC 9-36 v, ¢5.5x2.5 mm	
	1x 2-Pin Phonex termial	

1x Remote Power On/Off, 2-pin Terminal Block	
Environment	
Operation Temperature	• -20°C to +60°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 +85°C
Relative Humidity	• 95% RH @ 70°C (Non-condensing)
Shock	15G, 11ms
Vibration	5 - 500 Hz/1 Grms
EMC	• CE, UKCA, FCC, ICES-003 Class A • EN61000-6-4, EN61000-6-2 (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 EN61000-3-3 Voltage fluctuations & flicker • FCC 47 CFR Part 15B, ICES-003 Conducted & Radiated: 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 PFMF: 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)	215 x 185 x 115 mm
Weight	3.6 kg
Mounting	• Wall / Side / DIN-RAIL / VESA Mount
Physical Design	• Fanless Design • Cableless Design • Jumper-less Design • Unibody Design