

AX-530EBT | Fanless Embedded computer | Extension 3 PCI, 1 PCIe | BITECH



Features:

- 6th Gen Intel® Core™ i5-6200U (2C/4T)
- Extension Slot : 3* PCI, 1*PCIEx4
- 2× RS232/422/485
- 2× LAN 10/100/1000 Mbps, 82583V
- 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-530EBT	
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	
Graphics		
Graphic card	Integrated Intel® HD Graphics	
Display	1x 24 bits LVDS (LVDS/eDP one of them options)	
	1x VGA	
CONNECTIVITY AND COMMUNICATIONS		
Network interface	Intergrated 2x LAN 10/100/1000Mbps 82583V	
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 VGA
	COM	2x Full RS232/422/485
	LAN	2x LAN 10/100/1000Mbps 82583V
	Audio	1 x 3.5mm Combo audio jack
Expansion	3x PCI, 1x PCI-Ex4	
Power		
Power input	DC 9-36 v, ⌀5.5x2.5 mm	
	1x 3-Pin Phonex termial	
	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 IE61000-3-2, IE61000-3-3
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, 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 156 mm
Weight	5.5 kg
Mounting	• Wall / Side / DIN-RAIL / VESA Moun
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