

AX-422HBT | Fanless Industrial computer | 2 LAN 2 COM | BITECH



Features:

- 12th Gen. Intel Celeron J6412, Quad-Core
- HDMI/DP/Type C - 3 display
- Wide voltage: 9-24V DC input, Phoenix terminal, remote power on/off;
- Support 1 x 3.5" HDD
- Fanless, cable-less, jumper-less, and unibody aluminum alloy design with multi-mount (wall, side, DIN-rail, VESA).
- Support Windows 11 & Ubuntu, Embedded software



SKU	AX-422HBT		
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® Celeron J6412 (up to 2.6 GHz with Intel® Turbo Boost Technology, 1.5MB L3 cache, 4 cores, 4 threads) ,TDP 10W		
BIOS	AMI BIOS		
Memory	1x DDR4 SO-DIMM socket, max 16GB		
Storage	1x2.5" SATA HDD/SSD or 1x Half-slim SSD (SATA3.0)		
	1x 3.5" SATA HDD (option)		
	1x M.2 M-Key 2280 (PCIe_4X)		
Graphics			
Graphic card	Integrated Intel® UHD Graphics 16 EUs		
Display	1x 24 bits LVDS (LVDS/eDP one of them options)		
	1x HDMI 2.1 ,1*DP, 1* Type C		
CONNECTIVITY AND COMMUNICATION ----- (The below information for Core i5-1345U)			
Network interface	Intergrated 2x LAN 10/100/1000 RTL 8111G/H		
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	4x 5Gbps USB 3.2 Gen1, Type A	
		2x USB2.0	
		1x Type C(DP/PD, Charging)	
	Display	1x HDMI 2.1, 4K@60Hz	
		1x DP, 4K@60Hz	
	COM	2x RS232/422/485	
	LAN	2x LAN 10/100/1000	
	Audio	1 x 3.5mm Combo audio jack	
Power			

Power input	DC 9-24 v, 5.5x2.5 mm
	1x Phonex terminal
	1x Remote Power On/Off, 2-pin Terminal Block
Environment	
Operation Temperature	• -20°C to +55°C
Storage Temperature	-55°C to +85°C
Relative Humidity	• 95% RH @ 70°C (Non-condensing)
Shock	15G, 11ms
Vibration	5 - 500 Hz/1 Grms
Dimensions And Weight	
Dimensions (W x D x H)	160 x 127 x 64.2 mm
Weight	0.9 kg
Mounting	• Wall / Side / DIN-RAIL / VESA Mount
Physical Design	• Fanless Design • Cableless Design • Jumper-less Design • Unibody Design
Lifetime/Warranty/After sales service (For more details, Pls check our after-sales service policy document)	
Lifetime	5-7 years lifecycle for motherboard, modules, shells, ICs.
Technical support	lifetime for OS support, BIOS/Firmware updates, CAN/RS485/PLC debugging,
Warranty	24-Month for completely unit
* We deliver audited consistency with AQL inspection, 100% 6-hour power-on burn-in under load, full SN traceability	
Business Terms	
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. NRE new project
Delivery time	35 days for light customization, NRE project against the real situation

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