HBJC903i05 – Elkhart Lake® Fanless Computer with 6GbE LAN

This unique Fanless PC features Intel's® newest 6th Generation ATOM® x6000E Series J6412 SoC. Jam packed with I/O features, including 6x 2.5GbE, multiple M.2 keys and DC-in, the HBJC903105 is perfect for Industrial Computing, Networking Appliances, VPN, and Surveillance. In addition to FCC and ROHS compliancy, this PC also is CE compliant and ErP Ready.

SPECIFICATIONS

CPU	Intel ATOM® J6412 SoC
Memory Type	260-pin DDR4 3200 MHz SO-DIMM
Memory Slots	1
Maximum Memory Supported	32GB
Integrated Graphics	Intel® HD Graphics, shared memory
Video	1 x HDMI
LAN Ports	6 x Intel® i225-V 2.5GbE
TPM	Intel fTPM 2.0 (PTT) Trusted Computing Firmware; Onboard NUVOTON TPM v2.0 available by special order (MOQ may apply)
Extended Interface	1 x M.2 E-Key (2230, USB2.0/PCIe Gen.3 x1 interface), 1 x M.2 B-Key (3042, USB3.1/PCIe Gen.3 x1 interface)
Wifi + Bluetooth	Installed in version HBJC903i05i (M.2 B-key remains open)
Rear I/O	1 x +12V 2.5mm Diameter Locking DC Power Jack, 1 x GND Hold, 1 x HDD/Power LED, 1 x RJ45 Type Serial Port (RS232), 1 x USB 3.2 Gen 2, 1 x USB 2.0, 6 x RJ45 LAN, 1 x HDMI, 3 x Serial Port (2 x RS232, 1 x RS232/422/485), 1 x ON/OFF Switch, 2 x WiFi Antenna (WiFi version)
Storage	1 x M.2 M-key (2242, SATA/PCIe Gen.3×2 interface) support NVMe, 1 x 2.5" SATAIII Device
Power Requirement	+12V DC input
Dimensions	200 (W) x 180(D) x 59.5 (H) mm
Operating Temperature	-20 ~ 60 °C
Storage Temperature	-20 ~ 60 °C

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Relative Humidity	10% ~ 90% RH @40°C (non-condensing)
OS Software Supported	Windows 10 64-bit, Windows 10 IoT Enterprise 64-bit, Windows 11 64-bit, Windows 11 IoT Enterprise 64-bit. Drivers available for many LINUX versions.
Certification	CE,FCC,ErP,RoHS For System; CE,FCC,TUV,UL,CCC,CB,ErP For Power Adapter
Global P/N / SKU	1708572

Ordering Options

1708572A: HBJC901i05-6412 with Intel Celeron J6412, 6x LAN, without Wifi 1708572B: HBJC901i05i-6412 with Intel Celeron J6412, 6x LAN, with built in Wifi

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