



JBC330U10 – Fanless, Long-Life Mini PC with Intel® Tiger Lake Core i5 Processor

This Mini PC (150mm x 106mm x 75mm) housing a NUC sized motherboard and Intel's® 11th Generation Core i5-1145G7E processor, is lightweight and versatile and perfect for applications requiring a powerful yet small footprint. Offering a long lifecycle through 2035, the JBC330u10 has WIFI and Bluetooth installed, 2.5GbE LAN, a powerful NVMe M.2 slot and supports 12-24V via DC power.

SPECIFICATIONS

CPU	Fanless 11th Gen Intel® Core i5-1145G7E, 1.50GHz – 4.10GHz Burst, 4-Core 8-Thread, 15W TDP, vPro
Memory Type	260-pin DDR4 3200 MHz SO-DIMM
Memory Slots	2
Maximum Memory Supported	64GB
Integrated Graphics	Intel® Iris® Xe Graphics
Video	2 x HDMI
LAN Ports	1 x Intel I225-V PCIe 2.5GbE, 1 x Intel I219-LM PHY Gigabit LAN (iAMT 12.0)
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, USB/PCIe) or WiFi + Bluetooth Installed (B Version), 1 x M.2 B-key (3042/3052 USB and PCIe), 1 x M.2 M-key (2242/2280, PCIe 4.0 x4/SATA, NVMe)
Wifi + Bluetooth	Installed in B Version (M.2 B-key remains open)
Rear I/O	2 x USB 3.2 Gen 2 Type-C with DP 1.4, 1 x RJ45 (GbE), 1 x SIM Card Slot, 2 x HDMI 2.0b, 1 x RJ45 LAN (2.5GbE), 1 x +12V–24V 2.5mm DC Power Jack, 2 x SMA Connector for Antenna
Power Requirement	+12V DC input
Dimensions	150 x 106 x 75 mm
Operating Temperature	-10°C ~ 50°C with air flow
Storage Temperature	-40°C ~ 85°C
Relative Humidity	10% ~ 95% 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

Ordering Options

1708575A: JBC330u10 without Wifi preinstalled 1708575B: JBC330u10 with Wifi preinstalled Notes: System comes with VESA Mount, Wall Mount, Screw Pack and 12V 90W Power Adapter

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