TEGUAR

TB-4840

Industrial NUC



Key Highlights

- Intel Celeron J6412 Processor Passmark Rating 3846
- Supports Chrome, Windows 10, and Windows 11
- Fanless Cooling System
- Empowered by Hailo-8 M.2 AI module up to 26 TOPS (available upon request)
- Supports Dual Display
- Unique VESA Mounting Options

VIEW ONLINE

The Industrial NUC is a versatile computing solution tailored for confined spaces and industrial/commercial kiosks. Its compact design, around the size of a slice of toast, optimizes space while delivering robust performance powered by an efficient Celeron processor. Supporting both Chrome and Windows operating systems, including the latest Windows 11, this compact box PC ensures adaptability to diverse computing needs. Ideal for multitasking in small spaces, the Industrial NUC combines size and power, offering a dynamic solution for industrial environments and interactive kiosks, seamlessly bridging efficiency with space optimization in a technologically advanced package.

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Technical Specifications

Primary Components

Processor Family	Intel Celeron Elkhart Lake
Processor Model	Celeron J6412
Processor Speed	Up to 2.6 GHz
Memory Type	Onboard DDR4
Memory Support	4GB
Storage Type	1x M.2 2242 Slot, SATA3 or NVMe, Onboard eMMC Flash
Storage Support	128GB (On board), M.2: 128GB-1TB

Operating Systems

Windows	Windows 10 IoT, Windows 10 Pro, Windows 11 Pro
Android	Android 13
Linux	Linux

Expansion Slots

Internal M.2	1x M.2 2230 Key E (for WiFi expansion option), 1x M.2 for NVME SSD Support
SD card	1x Micro SD Slot

Enclosure

Material	Aluminum, Plastic
Color	Black
Led Indicator Light	Power
Control Buttons	Power Button
Mounting Options	VESA 100 Mount, VESA 75 Mount

Certification

Certifications	CE, FCC, FCC ID, RoHS, UKCA

Warranty

Warranty	Up to 5 Years

Specifications subject to change.

External I/O Ports

USB	1x USB 2.0, 3x USB 3.0
Serial / Com	1x COM
Serial Protocol Detail	DB9
Ethernet / LAN	1x RJ45 GbE LAN
Video Outputs	1x DisplayPort via USB-C Alt Mode, 2x HDMI
Audio Ports	1x 3.5mm Audio Line-Out/Mic-In

Power

Input Voltage Range	12V DC
Standard Power Adapter	12V/3.0A US AC Power Supply 36W

Compatibility

Security Hardware	fTPM 2.0

Thermal & Environmental

Operating Temperature	0°C - 35°C (32°F – 95°F)
Storage Temperature	-20°C - 60°C (-4°F – 140°F)
Cooling Solution	Passive
Humidity Range	20% – 85% Non-condensing

Peripherals & Wireless Connectivity

WiFi	WiFi 6 (optional)
Bluetooth	Optional Bluetooth 5.2

Weight / Dimensions

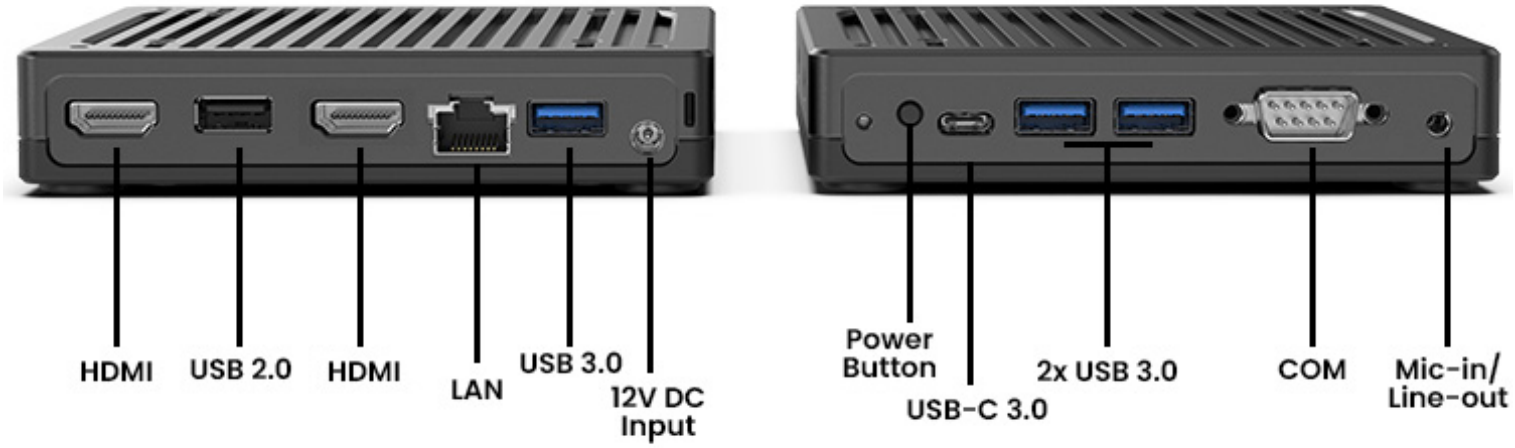
Weight	0.36 kg (0.8 lbs)
Dimensions	120 x 120 x 23 mm (4.7 x 4.7 x 0.9 in)

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I/O Diagram Images

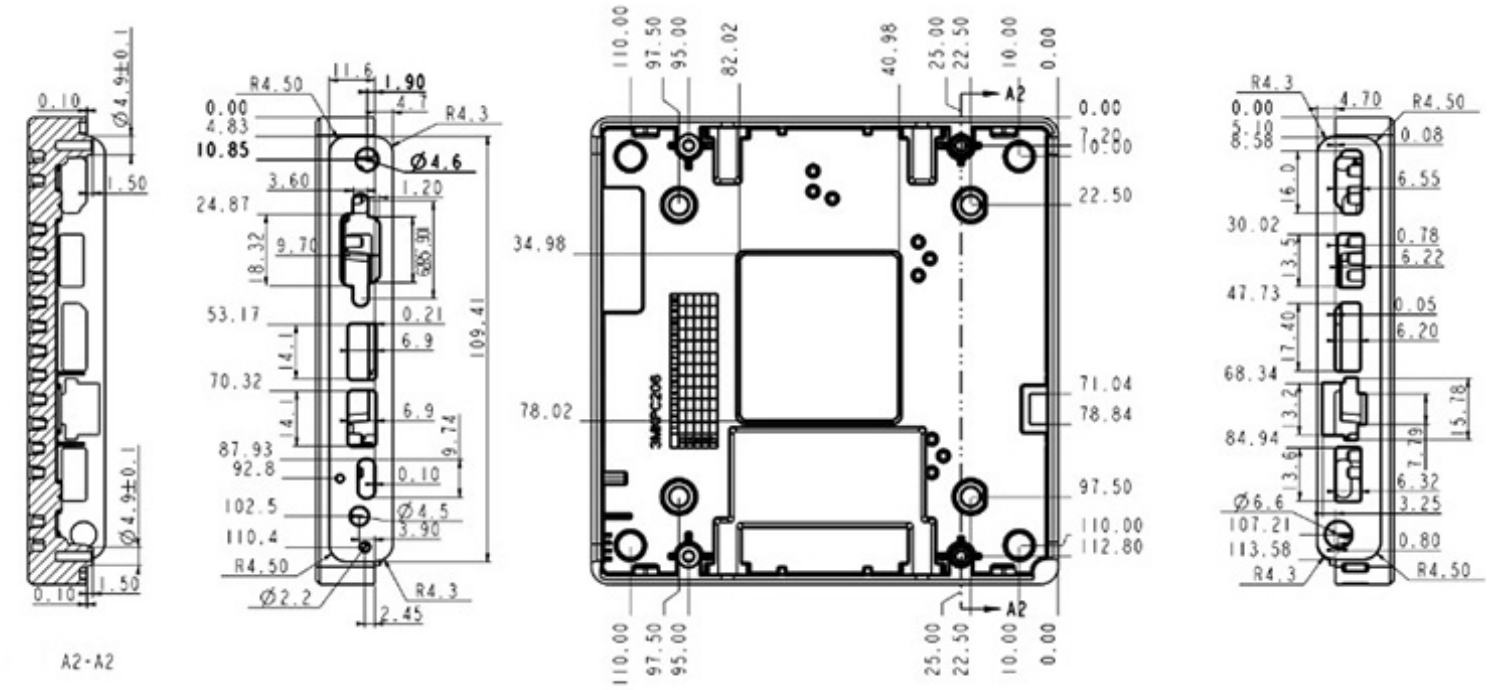


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Tech Diagram Images



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