



IWILL MC-74J

Fanless Network Mini PC • 4× Intel Gigabit LAN
Intel® Celeron® J6412 (Elkhart Lake)

The IWILL MC-74J is a compact fanless network mini PC powered by the Intel® Celeron® J6412 — an embedded-class processor with long-term availability — with four Intel® i210 / i211 Gigabit Ethernet ports in an all-aluminium passively cooled chassis. Ideal for firewall, router, VPN gateway and SD-WAN appliances, industrial networking and edge deployments requiring silent, continuous operation.



SYSTEM

Processor	Intel® Celeron® J6412 — quad-core / 4 threads, 2.0 GHz (burst 2.6 GHz), 1.5 MB cache, 10 W TDP, 10 nm
Graphics	Integrated Intel® UHD Graphics
Memory	1× DDR4 SO-DIMM, up to 8 GB
Storage	1× mSATA SSD
Operating system	Windows 10 / 11, Linux

NETWORK & DISPLAY

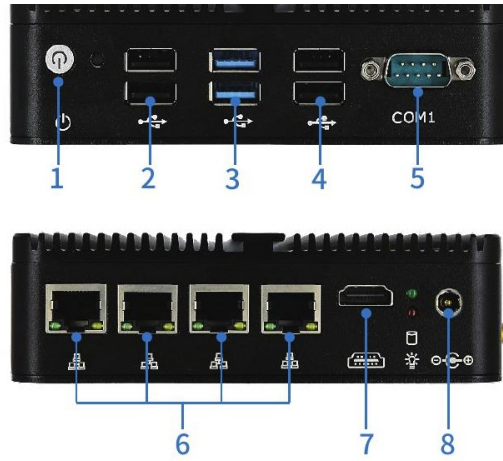
Network	4× Gigabit Ethernet RJ45 (Intel® i210 / i211)
Wireless	Dual-band Wi-Fi (optional)
Video output	1× HDMI — 4096 × 2304 @ 60 Hz

I/O & PORTS

Front I/O	1× power switch, 2× USB 3.0, 4× USB 2.0, 1× COM (RS232)
Rear I/O	4× LAN, 1× HDMI, 1× DC-IN
Serial	1× RS232 (DB9)
Audio	Not fitted

POWER, CHASSIS & ENVIRONMENTAL

Power input	DC 12V / 3A (36 W)
Chassis / cooling	Aluminium alloy, fanless (passive cooling)
Mounting	Desktop; VESA bracket optional
Dimensions	135 × 127 × 38.7 mm
Weight	≤ 1.2 kg
Operating temp.	0°C to +40°C
Humidity	30%–90%, non-condensing
Certifications	CE, FCC
In the box	1× unit, 1× user manual, 1× power cord, 1× power adapter



Front panel: 1 power • 2 USB 2.0 • 3 USB 3.0 • 4 USB 2.0 • 5 COM | Rear panel: 6 LAN ×4 • 7 HDMI • 8 DC-IN

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Configurable platform — memory, storage, wireless and I/O confirmed per order. Specifications subject to change without notice. © IWILL.