Features

- 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

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

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, 1x DisplayPort via USB-C Alt Mode, 1x 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

Operating Systems

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

Compatibility

Security Hardware	fTPM 2.0

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

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

Enclosure

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

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)

Certification

Certifications	CE, FCC, FCC ID, RoHS, UKCA

Warranty

Warranty	Up to 5 Years

I/O Diagram Images

| HDMI | USB 2.0 | Display Port | LAN | USB 3.0 | 12V DC Input |

| Power Button | USB-C 3.0 | 2x USB 3.0 | COM | Mic-in/ Line-out |

Tech Diagram Images

All specifications are subject to change without notice.