



BASIC2.1 4ETH J6412

FANLESS IPC

- Intel® Elkhart Lake SoC Processor (J6412)
- 1x DDR4 3200 MHz up to 32GB RAM
- 12V, DC-IN w/220VAC Power Adapter
- 32/64GB eMMC + M.2 M-Key NVMe
- 4x 2.5 Gigabit Ethernet LAN
- WIFI (Optional) or 4G/5G (on request)
- 1x 4K Video interface (HDMI)
- 12V, DC-in w/ 220VAC Power Adapter



MAINBOARD

CPU: Intel Celeron J6412
4 Core / 4 Thread
2.0 GHz (Base) / 2.6 GHz (Turbo) 10W

MEMORY

Capacity: up to 32GB
Frequency: 3200 MHz
Type: 1x SO-DIMM DDR4

STORAGE

eMMC: 1x 32/64GB eMMC
M.2: 1x M.2 M-Key (2242, NVMe)
Co-layout with M.2 B-Key

I/O INTERFACE

USB ports: 1x USB 3.1 + 1x USB 2.0
M.2: 1x M.2 E-Key Slot (2230, WIFI) (optional)
1x M.2 B-Key Slot (3042, 4G/5G)
(on request) *Co-layout with M.2 M-Key*
SIM: 1x SIM Slot

VIDEO

GPU: Intel® UHD Graphics
Interface: 1x HDMI 2.0 (Up to 4096x2160 @60Hz)

ETHERNET

LAN: 4x Intel i225-V 2.5 Gigabit LAN

POWER

Power in: 12V, DC-in
Max Power : 60W max
Adapter: AC 90~240V to DC 12V @5A/60W

MECHANICAL

Material: High-quality aluminum
Dimensions: (W)160x(D)109x(H)43.5mm
Weight: <1,3 Kg
Mounting: Wall Mount Kit

ENVIRONMENT

Operating temp.: -20°C to +60°C - w/Air Flow
Storage temp.: -40°C to 85°C
Humidity: 10% to 95% RH @40°C, non-condensing
EMC: CE, FCC, RoHS, LVD, ErP Ready

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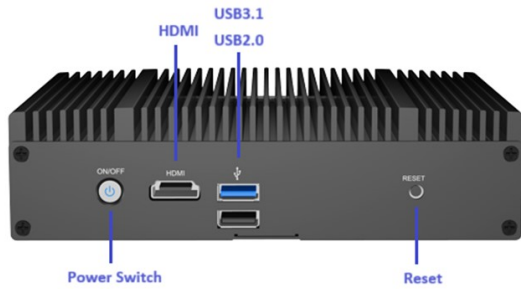
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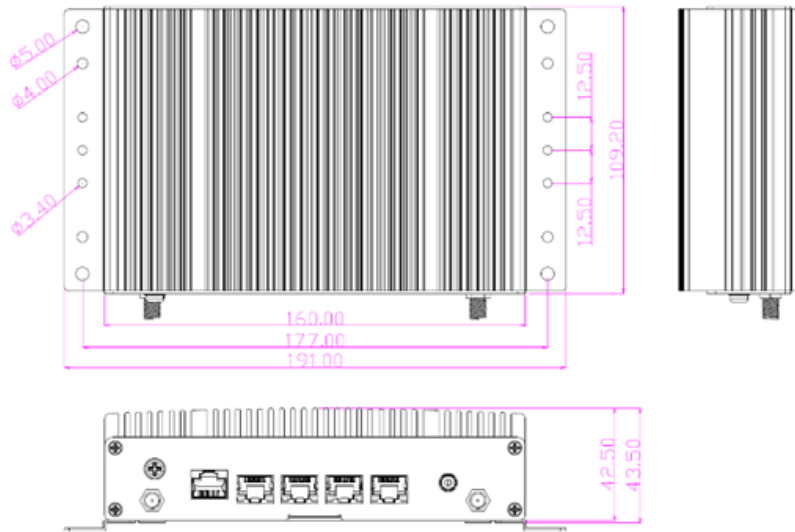
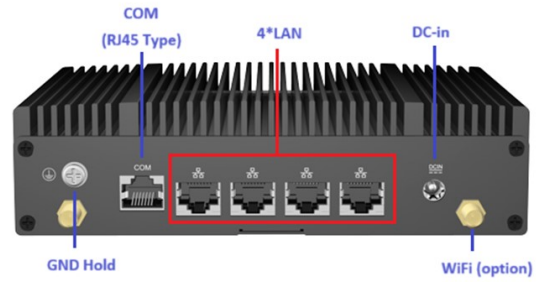
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Front



Rear



Accessories Included:

- WALL Mount Kit
- Power Adapter 12V @60W + Power Cable

Compatible OS:

MS WINDOWS (64bit)

- Windows 10
- **Windows 10 Enterprise LTSC (IoT)**
- Windows 11
- Windows 11 Enterprise LTSC (IoT)



LINUX *

- CentOS 8
- Debian 10
- Fedora 34
- Ubuntu 20.04 LTS
- pfSense 2.4.4



* Linux distributions tested with the IPC.

Order Code:

B04 - 25C - BASIC2.1_4ETH - J6412 - R08 - eMMC32GB

RAM	R08	(8 GB)	STORAGE	SSD (2,5")	M2D/SSD128
	R16	(16 GB)		MSD (mSATA)	M2D/SSD256
	R32	(32 GB)		M2D (M.2)	Other on Request

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