



WALLDIN-Slim N97

FANLESS IPC

- Intel® Processor - Alder Lake-N (N97)
- 1x DDR4 3200 MHz up to 16GB RAM
- 12-24V, DC-in w/ 220VAC Power Adapter
- 4x USB 3.0 + 2x RS485 (optional w/ opto-isolation)
- 3x Gigabit Ethernet LAN
- WIFI or 4G/5G connectivity (Optional)
- 1x 4K Video interface (HDMI)
- Desktop, Wall, Book and DIN-Rail mount options



MAINBOARD

CPU: Intel® Processor - Alder Lake-N N97
4 Core / 4 Thread
0.8 GHz (Base) / 3.6 GHz (Turbo), 12W

MEMORY

Capacity: up to 16GB
Frequency: 3200 MHz
Type: 1x SO-DIMM DDR4

STORAGE

MSATA: 1x MSATA (Full-size)
M.2: 1x M.2 M-Key (2280, SATA)

I/O INTERFACE

COM: 2x RS485 (optional w/ opto-isolation)
USB ports: 4x USB 3.0
Mini-PCle: 1x Mini-PCle (Full-size, WIFI or 4G/5G)
SIM: 1x SIM Slot (NanoSIM)

VIDEO

GPU: Intel® UHD Graphics
Interface: 1x HDMI (Up to 3840x2160 @60Hz)

ETHERNET

LAN: 3x Intel i210-AT Gigabit LAN

POWER

Power in: 12-24V, DC-in
Max Power : 60W max
Adapter: AC 90~240V to DC 12V @5A / 60W

MECHANICAL

Material: High-quality aluminum
Dimensions: (W)205x(D)146x(H)50mm
Weight: <1,53 Kg
Mounting: Desktop, Wall, Book and DIN Rail Mount

ENVIRONMENT

Operating temp.: -20°C to +60°C - w/Air Flow
Storage temp.: -20°C to 85°C
Humidity: 10% to 90% RH @40°C, non-condensing
EMC: CE, FCC, RoHS

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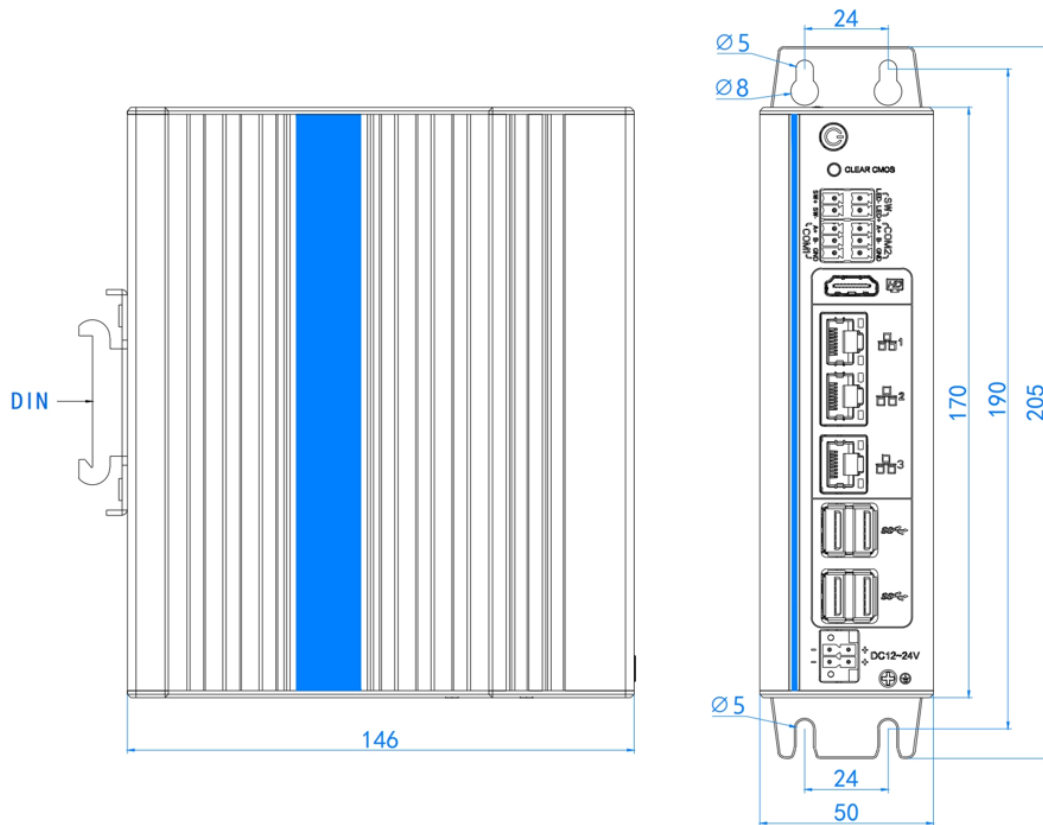
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Accessories Included:

- Power Adapter 12V @60W + Power Cable
- Wall, Book and DIN Rail Mounting options on request, Default Desktop Mount.

Compatible OS:

MS WINDOWS (64bit)

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



LINUX *

- CentOS 8
- Debian 12
- Fedora 39
- Ubuntu 24.04 LTS
- pfSense 2.7.2



* Linux distributions tested with the IPC.

Order Code:

B04 - 30C - WALLDIN-Slim - N97 - RXX - M2DXXX

RAM	R08	(8 GB)	STORAGE	MSD (mSATA)	M2D/MSD256
	R16	(16 GB)		M2D (M.2)	Other on Request

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