

WALLDIN-SCK-12G

FANLESS IPC

- Intel® Core™ 12th Gen. Processor
- 2x DDR5 4800 MHz up to 64GB RAM
- 12-24V, DC-in w/ 220VAC Power Adapter
- 6x USB 3.0, 2x RS485
- 4x Gigabit Ethernet LAN
- WIFI or 4G/5G connectivity (Optional)
- 2x 4K Video interface (DP + HDMI)
- Desktop, Wall, Book and DIN-Rail mount options



MAINBOARD

CPU: Intel® Core™ 12th Gen. Processor
i3 12300T, 4C / 8T, 2.30 GHz
i5 12500T, 6C / 12T, 2.00 GHz
i7 12700T, 12C / 20T, 1.40 GHz

MEMORY

Capacity: up to 64GB
Frequency: 4800 MHz
Type: 2x SO-DIMM DDR5

STORAGE

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

I/O INTERFACE

COM: 2x RS485 (optional opto-isolation)
USB ports: 6x USB 3.0
Mini-PCIe: 1x Mini-PCIe (Full-size, WIFI or 4G/5G)
SIM: 1x Internal SIM Slot (NanoSIM)

VIDEO

GPU: Intel® UHD Graphics 770
Interface: 1x DP (Up to 3840x2160 @60Hz)
1x HDMI (Up to 3840x2160 @60Hz)

ETHERNET

LAN: 1x Intel i219-LM Gigabit LAN
3x Intel i210-AT Gigabit LAN

POWER

Power in: 12-24V, DC-in
Max Power : 120W max
Adapter: AC 90~240V to DC 12V @10A/120W

MECHANICAL

Material: High-quality aluminum
Dimensions: (W)265x(D)146x(H)50mm
Weight: <2.3 Kg
Mounting: Desktop, Wall, Book and DIN Rail Mount

ENVIRONMENT

Operating temp.: -20°C to +50°C - w/Air Flow
Storage temp.: -20°C to +85°C
Humidity: 5% to 95% RH @40°C, non-condensing
EMC: CE, RoHS

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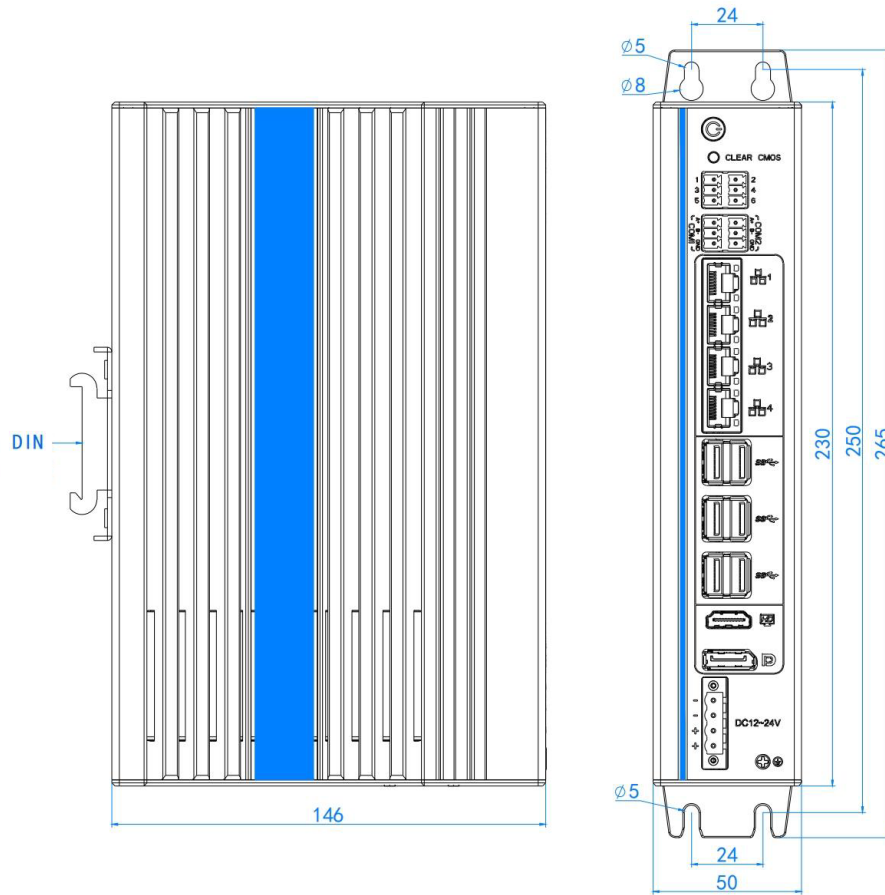
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Accessories Included:

- Power Adapter 12V @120W + 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 Stream 10
- Debian 12
- Fedora 42
- Ubuntu 24.04 LTS
- pfSense 2.7.2



* Linux distributions tested with the IPC.

Order Code:

B04 - 30C - WALLDIN-SCK - CPU - RXX - M2NXXX

CPU	12300T	RAM	R08	(8 GB)	STORAGE	MSD (mSATA)	M2D/MSD256
	12500T		R16	(16 GB)		M2x (M.2)	Other on Request
	12700T		R32	(32 GB)			
			R64	(64 GB)			

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