



## WALLDIN-Slim N100

FANLESS IPC

- Intel® Processor - Alder Lake-N (N100)
- 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 N100  
4 Core / 4 Thread  
0.8 GHz (Base) / 3.4 GHz (Turbo), 6W

### 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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## SARC ITALIA SRL

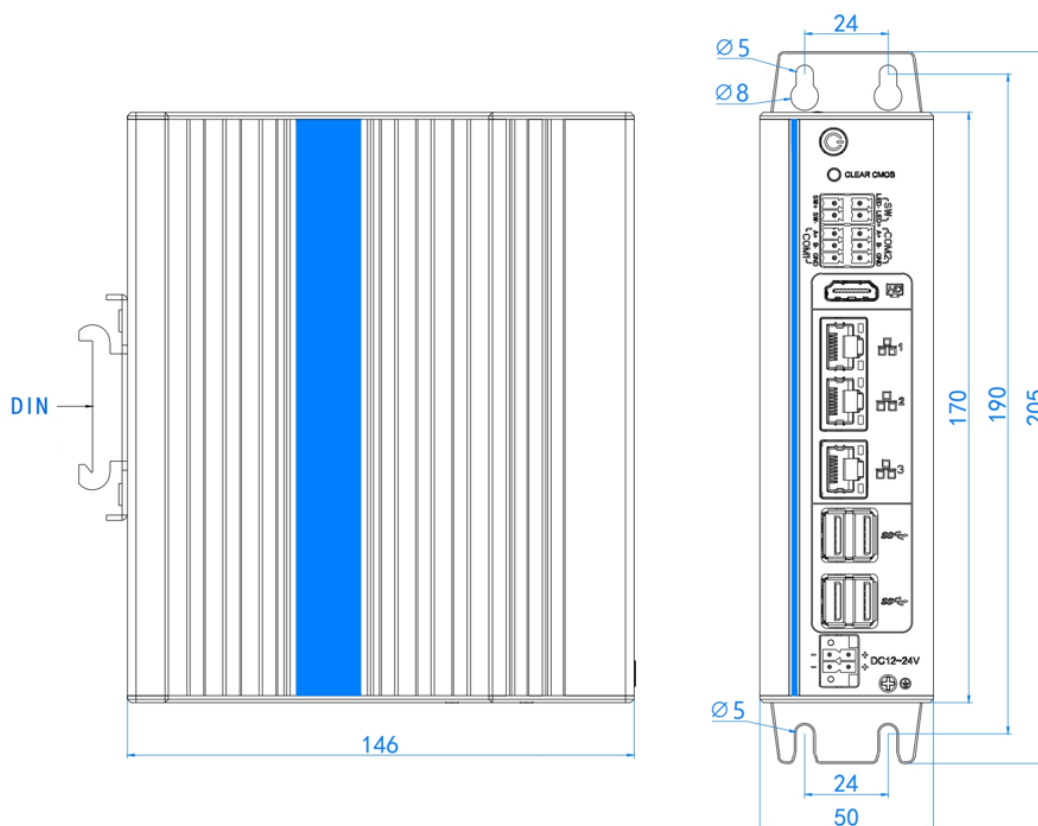
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## Accessories Included:

- 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 - N100 - RXX - M2DXXX**

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

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