



**SILVER N100**  
FANLESS IPC

- Intel® Processor (N100)
- 1x DDR4 3200 MHz up to 16GB RAM
- 12V / 9~36V, DC-IN w/220VAC Power Adapter
- 1x M.2 M-Key SATA/NVMe + 1x SSD 2.5"
- 2x Gigabit Ethernet LAN
- 4x COM (2x RS232/485 + 2x RS232), 4x USB3.0 + 2x USB2.0
- WIFI (Optional) or 4G/5G (on request)
- 2x HDMI 4K Video interface + 1x VGA



## MAINBOARD

**CPU:** Intel Processor N100  
4 Core / 4 Thread  
1.8 GHz (Base) / 3.4GHz (Turbo) 6W

## MEMORY

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

## STORAGE

**SATA:** 1x SATA3  
**M.2:** 1x M.2 M-Key (2280, SATA, NVMe)  
**Storage bay:** 1x Internal 2.5" SSD bay

## I/O INTERFACE

**COM:** 2x RS232/485, 2x RS232  
**USB ports:** 4x USB 3.0 + 2x USB 2.0  
**Mini-PCIe:** 1x Mini-PCIe (Full-size, WIFI/ 4G/5G) (on request)  
**SIM:** 1x Nano-SIM Slot Internal  
**AUDIO:** 1x Combo Line-out/Mic

## VIDEO

**GPU:** Intel® UHD Graphics  
**Interface:** 2x HDMI (Up to 4096x2160 @60Hz)  
1x VGA (Up to 1920x1080 @60Hz)

## ETHERNET

**LAN:** 2x RTL8111H Gigabit LAN

## POWER

**Power in:** 12V, DC-in Jack and 9~36VDC TB  
**Max Power :** 50W max  
**Adapter:** AC 90~240V to DC 12V @5A/60W

## MECHANICAL

**Material:** High-quality aluminum  
**Dimensions:** (W)186x(D)127x(H)66mm  
**Weight:** <1.40 Kg  
**Mounting:** Wall + VESA Mount Kit, Din-Rail Kit (Optional)

## ENVIRONMENT

**Operating temp.:** -20°C to +60°C - w/Air Flow  
**Storage temp.:** -40°C to 85°C  
**Humidity:** 5% to 95% RH @40°C, non-condensing  
**EMC:** CE, RoHS

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## SARC ITALIA SRL

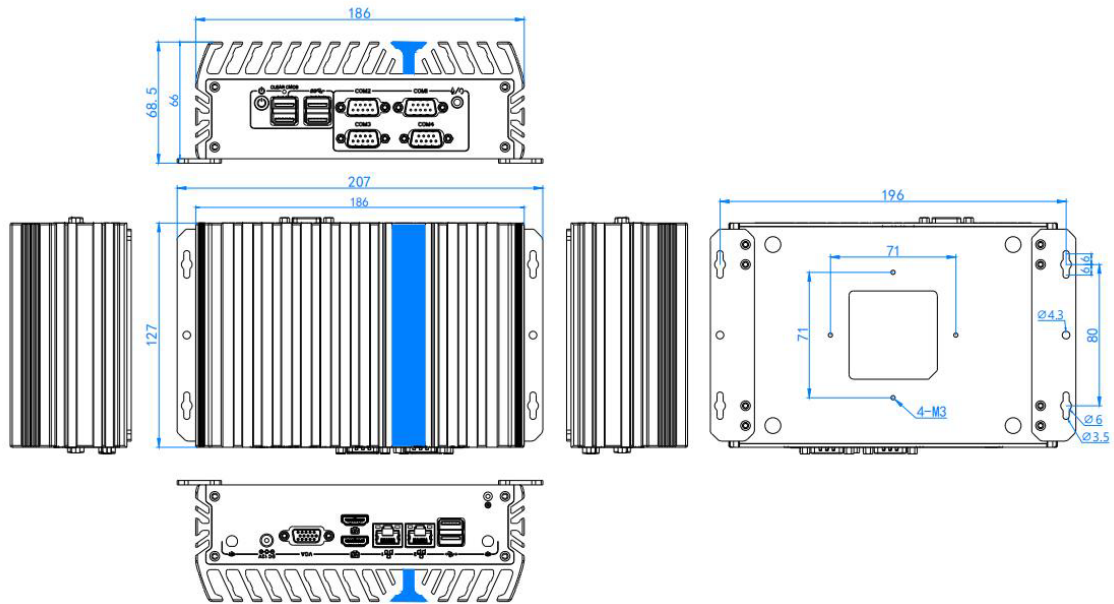
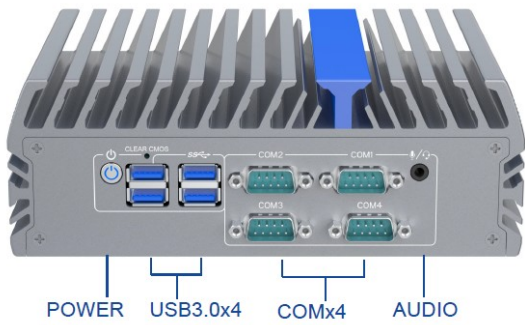
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**Accessories Included:**

- VESA / 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 12
- Fedora 34
- Ubuntu 24.04 LTS
- pfSense 2.7.2



*\* Linux distributions tested with the IPC.*

**Order Code:**

**B04 - 31C - SILVER - N100 - R08 - SSD128**

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

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