



- Intel® 8th Gen Whiskey Lake U Processor, Default i5-8265U, 15W
- Up to 32GB RAM
- TPM 2.0 support
- Power In 9-36 VDC
- 4x LAN Intel® Gigabit Ethernet
- 4x Serial COM
- 2x Video interface (HDMI + VGA)

MIL-4 Series

FANLESS IPC



MAINBOARD

CPU:	Intel® 8th Gen. Whiskey Lake U CPUs Celeron 4205U - 2 Core /2 Tread, 1,8GHz Core i5-8260U - 4 Core /8 Tread, 3.9GHz Core i7-8565U - 4 Core /8 Tread, 4.6GHz
TPM:	Intel® TPM 1.2 / 2.0

MEMORY

Capacity:	up to 32GB
Frequency:	2133/2400MHz
Type:	1x SO-DIMM DDR4L

STORAGE

SATA:	1x SATA3
M.2.:	1x M.2 (SATA, 2280)
Storage Bay:	1x Internal 2.5" SSD Bay

I/O INTERFACE

Serial ports:	1x COM RS232/485 3x COM RS232
USB ports:	4x USB 3.0, 2x USB 2.0
Mini-PCIe:	1x Mini-PCIe (For WIFI or 4G module)
AUDIO:	1x Combo Audio/Mic Jack
SIM SLOT:	1x Embedded SIM Card Slot

VIDEO

GPU:	Intel® UHD Graphics
Interface:	1x HDMI (Up to 4096x2304 @24Hz) 1x VGA (Up to 1920x1080 @60Hz)

ETHERNET

LAN:	4x Intel i211-AT Gigabit LAN
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POWER

Power in:	9 - 36V , DC-in
Max Power:	60W max
Adapter:	AC_90~240V / DC_12V_3A/60W

MECHANICAL

Material:	Lightweight aluminum alloy with extruded aluminum IO panel
Dimensions:	(L)280x(W)143x(H)40 mm
Weight:	1.45Kg
Mounting:	WallMount + VESA

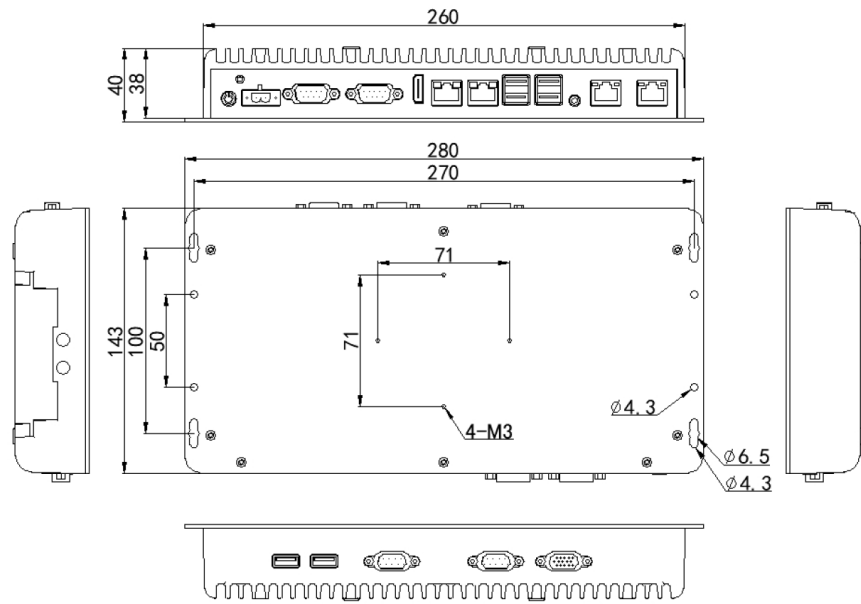
ENVIRONMENT

Operating temp.:	-10°C to 50°C with air flow
Storage temp.:	-20°C to 70°C
Humidity:	5% to 95% Humidity, non-condensing
EMC:	CE, CCC, FCC, RoHS, ErP Ready

Front



Rear



Accessories Included:

- WALL/VESA Mount Kit
- Power Adapter 12V @60W + Power Cable
- Dual Band WIFI/4G Antenna (with WIFI/4G version)
- Screw pack

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 - 29C - MIL-4 - I5 8260U - RXX - SSDXXX

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