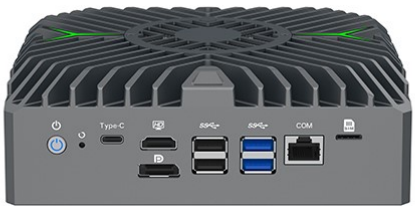
INDATECH®



- Intel® Core™ 12th Processor (i5-1235U)
- 2x DDR5 4800 MHz up to 64GB RAM
- 12V, DC-in w/ 220VAC Power Adapter
- 2x USB 2.0 + 2x USB 3.1 + 1x Type-C + 1x COM
- 4x 2.5 GbE LAN + 2x 10GbE SFP+
- WIFI and/or 4G/5G connectivity (Optional)
- 3x 4K Video interface (HDMI + DP + Type-C)
- External FAN integrated into the heatsink

QUANTUM SFP+ i5 1235U

FANLESS IPC

intel. CE RoHS COMPLIANT

MAINBOARD

CPU:	Intel® Core™ i5-1235U 10 Core / 12 Thread 3.3 GHz (Base) / 4.4 GHz (Turbo) 15W

MEMORY

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

STORAGE

SATA:	1x SATA3
M.2:	1x M.2 M-Key (2280, PCIe 4.0 x4, NVMe)
Storage Bay:	1x Internal 2.5” SSD Bay

I/O INTERFACE

Serial ports:	1x COM (RJ45)
USB ports:	2x USB 2.0 + 2x USB 3.1 + 1x Type-C
M.2:	1x M.2 E-Key Slot (2230, WIFI) 1x M.2 B-Key Slot (3052, 4G/5G)
SIM:	1x SIM Slot (MicroSIM)

VIDEO

GPU:	Intel® Iris® Xe Graphics
Interface:	1x HDMI 2.0 (Up to 4096x2160 @60Hz) 1x DP 1.4 (Up to 4096x2160 @60Hz) 1x Type C (Up to 4096x2160 @60Hz)

ETHERNET

LAN:	1x Intel i226-LM 2.5 Gigabit LAN (vPro) 3x Intel i226-V 2.5 Gigabit LAN 2x Intel 82599 10 Gigabit SFP+

POWER

Power in:	12V, DC-in
Max Power :	90W max
Adapter:	AC 90~240V to DC 12V @7.5A/90W

MECHANICAL

Material:	High-quality aluminum
Dimensions:	(W)170x(D)140x(H)58mm
Weight:	<1,3 Kg
Mounting:	Wall Mount + VESA Kit

ENVIRONMENT

Operating temp.:	-20°C to +50°C - w/Air Flow
Storage temp.:	-20°C to 85C
Humidity:	10% to 90% RH @40°C, non-condensing
EMC:	CE, RoHS

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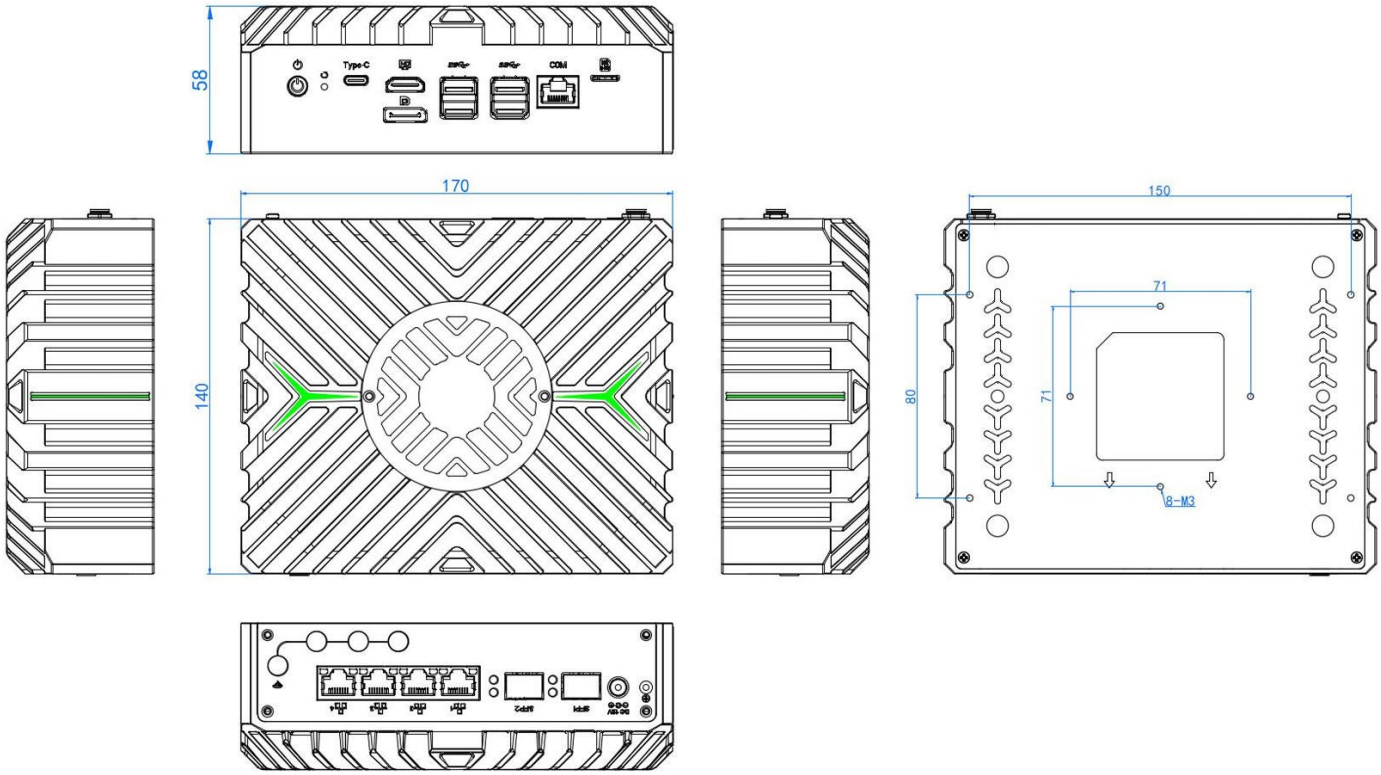

Accessories Included:

- WALL + VESA Mount Kit
- Power Adapter 12V @90W + Power Cable

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 43
- Ubuntu 24.04 LTS
- pfSense 2.8.1

** Linux distributions tested with the IPC.*

Order Code:

B04 - 27C - QUANTUM SFP+ - I5-1235U - RXX - SSDXXX

RAM			STORAGE		
	R08	(8 GB)	**SSD** (2,5")	M2D/SSD128
	R16	(16 GB)	**MSD** (mSATA)	M2D/SSD256
	R32	(32 GB)	**M2D** (M.2)	Other on Request
	R64	(64 GB)		

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