



QUANTUM ETH Ultra 7 155U

FANLESS IPC

- Intel® Core™ 14th Ultra 7 155U Processor
- 2x DDR5 5600 MHz up to 64GB RAM
- 12V, DC-in w/ 220VAC Power Adapter
- 4x USB 3.1 + 1x Type C + 1x Console COM (RJ45)
- 8x 2.5 Gigabit Ethernet LAN (vPRO)
- WIFI and/or 4G/5G connectivity (Optional)
- 3x 4K Video interface (HDMI + DP + Type C)



MAINBOARD

CPU:	Intel® Core™ Ultra 7 155U 12 Core / 14 Thread 0.7 GHz (Base) / 4.8 GHz (Turbo) 15W
NPU:	Intel® AI Boost 1.4 GHz

MEMORY

Capacity:	up to 64GB
Frequency:	5600 MHz
Type:	2x SO-DIMM DDR5

STORAGE

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

I/O INTERFACE

Serial ports:	1x Console COM (RJ45)
USB ports:	4x USB 3.1 + 1x Type C
M.2:	1x M.2 E-Key 2230 (WIFI) 1x M.2 B-Key 3042/3052 (4G/5G)
SIM:	1x SIM Slot (NanoSIM)

VIDEO

GPU:	Intel® UHD Graphics
Interface:	1x HDMI 1.4 (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 (w/ vPro) 7x Intel i226-V 2.5 Gigabit LAN
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POWER

Power in:	12V, DC-in
Max Power:	75W 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 85°C
Humidity:	10% to 90% RH @40°C, non-condensing
EMC:	CE, RoHS

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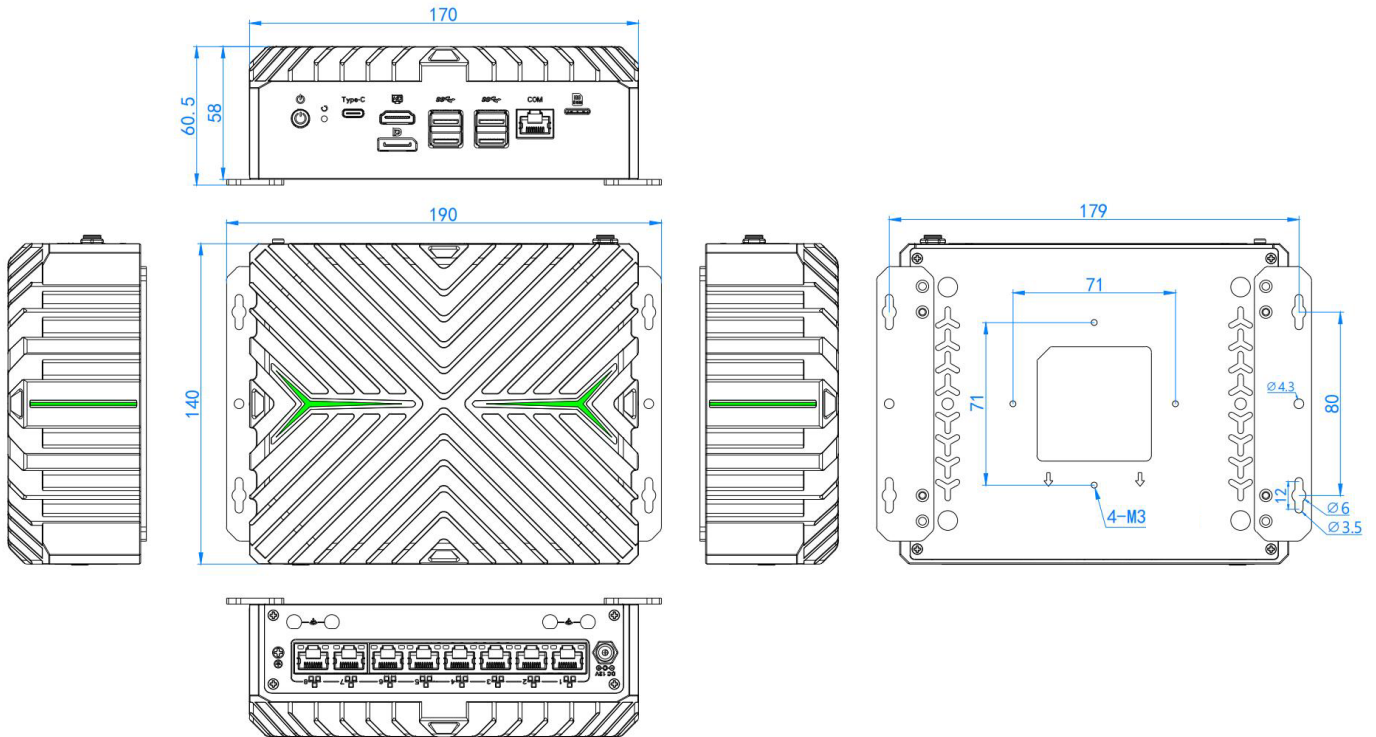
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Accessories Included:

- WALL + VESA 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 10
- Fedora 34
- Ubuntu 20.04 LTS
- pfSense 2.4.4



Order Code:

* Linux distributions tested with the IPC.

B04 - 27C - QUANTUM ETH ULTRA - 7-155U - 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
	R64	(64 GB)			

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