

Industrial Embedded Box PC

MBOX-520-M3 Series





Features

- High-performance Intel Core i5-1235U Deca-core processor, up to 4.40 GHz, suitable for multitasking and demanding applications.
- Supports DDR4-3200 RAM, expandable up to 64GB via 1 × SO-DIMM slot.
- Wide DC power input range (9-36V) for flexible deployment in industrial and mobile environments.
- Compatible with Windows 10/11 and Linux, ensuring versatile software support.
- Dimension : 150mm (L) * 224mm (W) * 50mm (H)

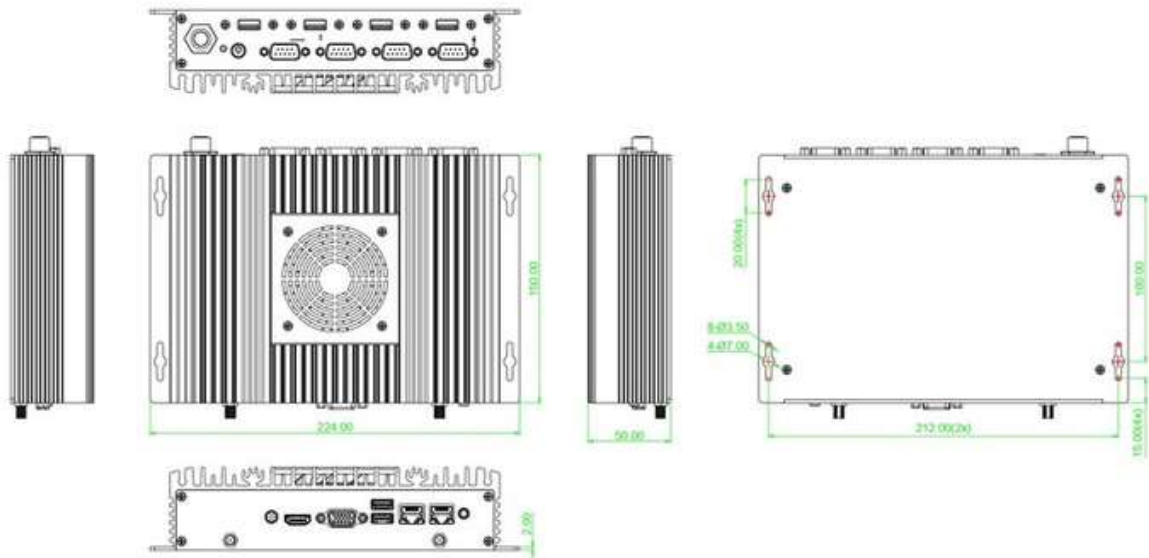
Specifications

Images		
Available Model No.	MBOX-520-M3-PRO-J1900, MBOX-520-M3-PRO-I3-8G, MBOX-520-M3-PRO-I3-10G	MBOX-520-M3-J1900, MBOX-520-M3-I3-8G, MBOX-520-M3-I3-10G
Design	Fanless	Fan
CPU	Intel Core i3-8130U, up to 4.40G, Deca-core, TDP-up 55W	
Memory	DDR4-3200, 1*SO-DIMM slot, up to 64GB	
Ethernet	2 * Intel 1Gbps PCIe Ethernet Controller, RJ45	

Specifications

Display	1*HDMI, 1*VGA
Storage	1 * SATA3.0 7P Connector 1 * M.2 (SATA SSD/ NVMe SSD)
Expansion	1 * M.2, (WIFI/BT) 1 * M.2, (SATA SSD/NVMe SSD) 1 * Mini-pcie, (WIFI/4G/BT)
USB	4 * USB3.0 (Rear I/O, TYPE-A) 2 * USB2.0 (Internal, Header)
COM	1*RS485 /RS422/RS232 COM , 3*RS232 COM
Power Input	DC 9-36V
Operating system	Windows 10/ 11, Linux
Working Temperature	-20°C~+70°C
Relative humidity	No condensation
Case Material	Aluminum alloy
Dimension	150mm (L) * 224mm (W) * 50mm (H)
Color	Aluminium

Dimension



Images



Applications



Industrial
Automation



Healthcare Equipment
Integration



IoT Gateways &
Smart Infrastructure



AI Edge Computing