

Preliminary

iBOX-8265U

Embedded BOX PC



Key Features

- Intel® 8th Gen (Whiskey lake-U) Core™ MCP Processors
- Supports Dual Channel DDR4 SO-DIMM 2400MHz, up to 32GB
- 1 x HDMI, 2 x Displayport
- Supports Triple Display
- 3 x USB 3.1, 2 x USB 2.0
- 1 x M.2 Key M, 1 x M.2 Key E
- 1 x Intel LAN, 1 x Realtek LAN
- 1 x COM (RS232/422/485)
- 12V DC-in



Specifications

Processor System

CPU	Intel® 8 th Gen (Whiskey lake-U) Core™ MCP Processors - I5-8265U QC, 1.6GHz, 15 W
Memory	2 x DDR4 SO-DIMM 2400MHz, up to 32GB
Chipset	SoC
Graphic	Intel® U HD Graphics 620
LAN Chipset	1 x Realtek RTL8111H, 1 x Intel I219LM
Watch Dog	256 Segments, 0,1,2...255 Sec

Front I/O

Serial Port	1 x RS-232/422/485
USB	1 x USB 3.1, 2 x USB 2.0
Audio Jack	1

Rear I/O

HDMI	1
DisplayPort	2
Ethernet	2
USB	2 x USB 3.1
Serial Port	N/A

Storage

Type	1 x 2.5" SATA HDD
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Expansion Slot

PCIe	N/A
Mini-PCIe	N/A
M.2	1 x Key M(2242/2260/2280)with PCIe x4 and SATA3 for SSD
WLAN	1 x Intel® Wireless-AC 3168 Module (optional) 1 x Intel® Wireless-AC 8265 module (optional) 1 x Intel® Wireless-AC 9260 module (optional) 1 x Intel® Wireless-AC 9560 CNVi module (optional)

Mechanical

Material	Metal
Dimension	171.8 x 150 x 71.5mm (W x D x H)
Weight	2.2kg
Kensington lock	Support
Mounting	Wall & VESA mounting bracket

Environmental

Operating Temp	0°C~50°C
Storage Temp	-40°C~85°C
Humidity	10%~90%

Others

OS Support	Windows® 10 64-bit
Certifications	CE, FCC Class A
Packing List	1 x 96W Power Adapter 1 x Screw Package 1 x Product DVD 1 x VESA mounting bracket