



Preliminary

iBOX-350

Embedded BOX PC



Key Features

- Intel® 8th Gen (Whiskey lake-U) Core™ MCP Processors
- Supports Dual Channel DDR4 SO-DIMM 2400MHz, up to 32GB
- 2 x Displayport
- Supports Dual Display
- 6 x USB 3.1, 2 x USB 2.0
- 2 x M.2 Key M, 1 x M.2 Key E
- 2 x Intel Lan
- 1 x COM (RS232/422/485), 3 x COM (RS232)
- 12V~36V DC-in



Specifications

Processor System

CPU	Intel® 8 th Gen (Whiskey lake-U) Core™ MCP Processors - iBOX-350V(i3-8145UE,DC, 2.2GHz, 15W) - iBOX-350M (i5-8365UE, QC, 1.6GHz ,15 W) - iBOX-350P (i7-8665UE, QC, 1.7GHz, 15 W)
Memory	2 x DDR4 SO-DIMM 2400MHz, up to 32GB
Chipset	SoC
Graphic	Intel® UHD Graphics 620
LAN Chipset	1 x Intel I210, 1 x Intel I219LM
Watch Dog	256 Segments, 0,1,2...255 Sec

Front I/O

Serial Port	1 x COM RS-232/422/485, 3 x COM (RS-232)
USB	2 x USB 3.1, 2 x USB 2.0
Phoenix Connector	1 (4 x GPI, 4 x GPO)

Rear I/O

HDMI	N/A
DisplayPort	2
Ethernet	2
USB	4 x USB 3.1

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 (2242/2280)with PCIe x4 and SATA3 for SSD 1 x Key M (2242)with SATA3 for SSD 1 x Key E (2230)with PCIe x1, CNVi and USB 2.0 for Wireless
mSATA	N/A

Mechanical

Material	Metal
Dimension	208 x 178.6 x 62.9mm (W x D x H)
Weight	2.4kg
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