



Key Features

- Intel® 8th Gen (Whiskey lake-U) Core™ MCP Processors
- Supports Dual Channel DDR4 SO-DIMM 2400 MHz, up to 32GB
- 2 x DisplayPort, 1 x LVDS
- 6 x USB 3.1, 2 x USB 2.0, 1 x SATA3, 4 x COM
- 2 x M.2 Key M, 1 x M.2 Key E
- 2 x Intel LAN
- 9~36V or 12V DC-IN
- 1 x TPM 2.0 onboard IC (Option)

Specifications

Processor System

Dimension	3.5" SBC (6.3-in x 4.0-in)
CPU	Intel® 8 th Gen (Whiskey lake-U) Core™ MCP Processors - SBC-350P (i7-8665UE, QC, 1.7GHz, 15 W) - SBC-350M (i5-8365UE, QC, 1.6GHz, 15 W) - SBC-350V (i3-8145UE, DC, 2.2GHz, 15W)
Chipset	SoC

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

Memory

Technology	Dual Channel DDR4 2400MHz
Max.	32GB
Socket	2 x SO-DIMM

Graphics

VGA	N/A
LVDS	1920 x 1200@60Hz
eDP	N/A
HDMI	N/A
DVI	N/A
DisplayPort	DisplayPort++ 1.2 with max resolution up to 4096 x 2304@60Hz
Multi Display	Triple Display

Ethernet

Interface	10/100/1000 Mbps
Controller	1 x Intel® I219LM, 1 x Intel® I210

Rear I/O

VGA	N/A
DVI	N/A
HDMI	N/A
DisplayPort	2
Ethernet	2
USB	4 x USB 3.1
Audio Jack	N/A
Serial	N/A
PS/2	N/A

Internal Connector

USB	2 x USB 2.0, 2 x USB 3.1
LVDS	1
eDP	0
VGA	0
Serial	1 x COM (RS232/422/485), 3 x COM (RS232)
SATA	1 x SATA3 (6.0 Gb/s)
Parallel	N/A
GPIO	4 x GPI, 4 x GPO
SATA PWR Output Con	1
Speaker Header	1
TPM	1 x TPM 2.0 onboard IC (Option)

Watchdog Timer

Output	From Super I/O to drag RESETCON#
Interval	256 segments, 0,1,2...255sec

Power Requirements

Input PWR	9~36V or 12V DC-IN
Power On	AT/ATX Supported AT : Directly PWR on as Power input ready ATX: Press Button to PWR on after Power input ready

Environment

Operating Temperature	0°C – 60°C
Storage Temperature	-40°C – 85°C