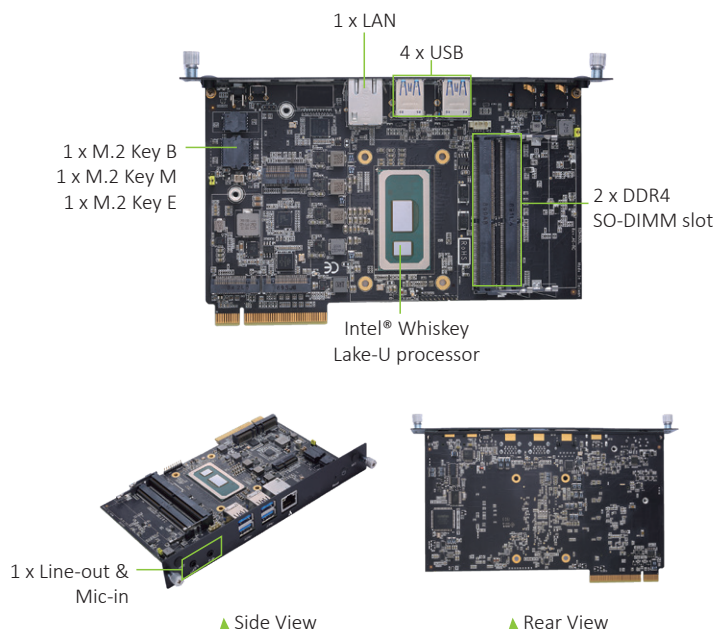


SDM500L

Intel® Smart Display Module Large (Intel® SDM-L) with 8th Gen Intel® Core™ i7/i5/i3, Intel® Celeron® Processor, HDMI and LAN



Features

- Intel® Smart Display Module (Intel® SDM) specification
- 8th gen Intel® Core™ i7/i5/i3 or Intel® Celeron® processor (Whiskey Lake-U)
- 2 DDR4-2400 SO-DIMM for up to 32G of memory
- M.2 Key E slot
- M.2 Key M slot
- M.2 Key B slot
- One HDMI, four USB 3.0, and LAN
- Supports Intel® AMT 12



Specifications

Core System

CPU	8th gen Intel® Core™ i7/i5/i3 or Intel® Celeron® processor (Whiskey Lake-U)
System Memory	2 x 260-pin DDR4-2400 SO-DIMM, up to 32G
Chipset	SoC integrated
BIOS	AMI
SSD	1 x M.2 Key B 2242 slot 1 x M.2 Key M 2280 slot
WatchDog Timer	255 levels, 1 to 255 sec.
Expansion Interface	1 x M.2 Key E 2230 slot for Wi-Fi/BT
Battery Lithium	Lithium 3V/220 mAH
Power Input	Through SDM golden finger +12V & +3.3VSB

Display

Graphic	Intel® gen 9 HD graphics
Display Interface	1 x HDMI 1.4 (4096 x 2160 @ 30p) (rear I/O, optional) 1 x DisplayPort 1.2 (4096 x 2304 @ 60p) (golden finger) 1 x HDMI 2.0 (4096 x 2160 @ 60p) (golden finger)

I/O

SDM Golden Finger	1 x USB 3.0 1 x HDMI 2.0 1 x DisplayPort 1.2 1 x Serial TX/RX 2 x I ² C
Ethernet	1 x 10/100/1000 Mbps with Intel® i219; supports Wake-on-LAN (Core™ i5 and i7 support vPro function)
Audio	HD codec audio as Mic-in/Line-out with Realtek ALC662
USB	4 x USB 3.0, 1 x USB Type-C (optional)
Display	1 x HDMI 1.4 (optional)

Mechanical and Environmental

Dimensions	175 x 100 mm
Weight (net/gross)	252g/340g
Board Thickness	1.6 mm
Operating Temperature	0°C to 60°C (+32°F to +140°F) -20°C to 70°C (-20°F to +158°F) (optional)
Humidity	10% - 95% relative humidity, non-condensing

Packing List

1 x Quick installation guide

Ordering Information

Standard

SDM500L-I3B-NN1 (P/N: E38X500118)	SDM-L module with Intel® Core™ i3-8145UE processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, and 1 Line-out
SDM500L-I3B-HC1 (P/N: E38X500119)	SDM-L module with Intel® Core™ i3-8145UE processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, 1 Line-out, 1 HDMI, and 1 USB Type-C
SDM500L-I5B-NN1 (P/N: E38X500120)	SDM-L module with Intel® Core™ i5-8365UE processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, and 1 Line-out
SDM500L-I5B-HC1 (P/N: E38X500121)	SDM-L module with Intel® Core™ i5-8365UE processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, 1 Line-out, 1 HDMI, and 1 USB Type-C
SDM500L-CLA-NN1 (P/N: E38X500122)	SDM-L module with Intel® Celeron-4305UE processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, 1 Line-out

Optional

8812T1500A0E	Wi-Fi kit
M.2 SSD	M.2 2280-B-M 64 to 256GB
DDR4 SO-DIMM	4GB to 32GB