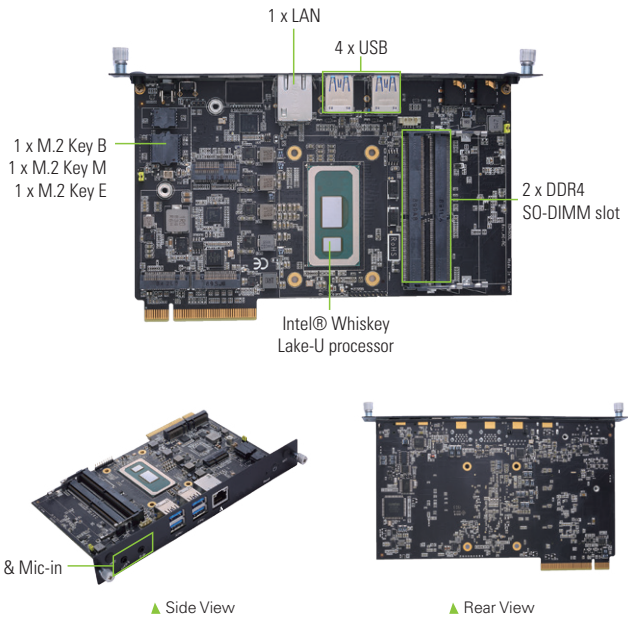


# SDM500L

Intel® Smart Display Module Large (Intel® SDM-L) with 8th Gen Intel® Core™ i7/i5/i3 or 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 expansion slot
- M.2 Key M expansion slot
- M.2 Key B expansion slot
- One HDMI, four USB 3.0, and LAN
- Supports Intel® AMT 12



## 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 & +3.3VBS
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 to 70 °C (-20°F to +158°F) (optional)
Humidity	10% - 95% relative humidity, non-condensing

## 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 <sup>2</sup> 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	1 x USB type C (optional)
Display	1 x HDMI 1.4 (optional)

## Display

Chipset	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)

## Packing List

1 x Quick installation guide

## Ordering Information

Standard	
SDM500L-8145U w/o HDMI (P/N: E38X500108)	SDM-L module with Intel® Core™ i3-8145U processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, 1 Line-Out
SDM500L-8145U (P/N: E38X500109)	SDM-L module with Intel® Core™ i3-8145U processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, 1 Line-Out, 1 HDMI, 1 USB Type-C
SDM500L-8265U w/o HDMI (P/N: E38X500109)	SDM-L module with Intel® Core™ i5-8265U processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, 1 Line-Out
SDM500L-8265U (P/N: E38X500110)	SDM-L module with Intel® Core™ i5-8265U processor with 2 SO-DIMM, 2 M.2 SSD, 1 LAN, 4 USB 3.0, 1 Mic-in, 1 Line-Out, 1 HDMI, 1 USB Type-C
SDM500L-4305UE w/o HDMI (P/N: E38X500107)	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	