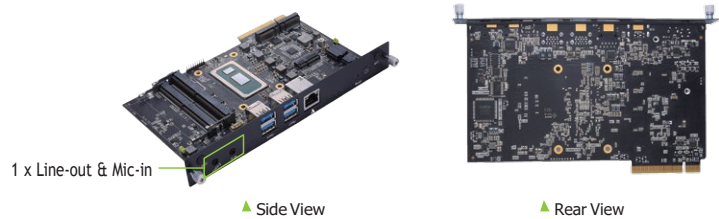
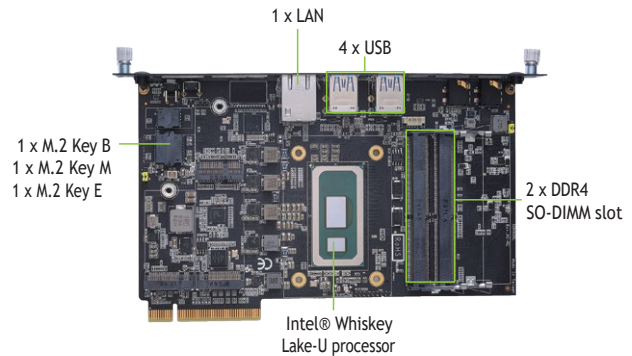


# boMDS500L

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



### 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
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	
boMDS500L-8145UE w/o HDMI (P/N: E38X500112)	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
boMDS500L-8145UE (P/N: E38X500111)	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
boMDS500L-8365UE w/o HDMI (P/N: E38X500114)	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
boMDS500L-8365UE (P/N: E38X500113)	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
boMDS500L-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



Smart Display Modules and Smart Kiosk Modules