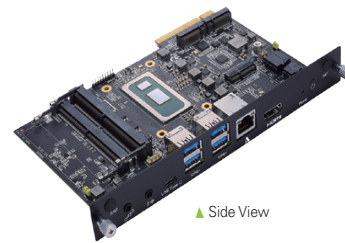
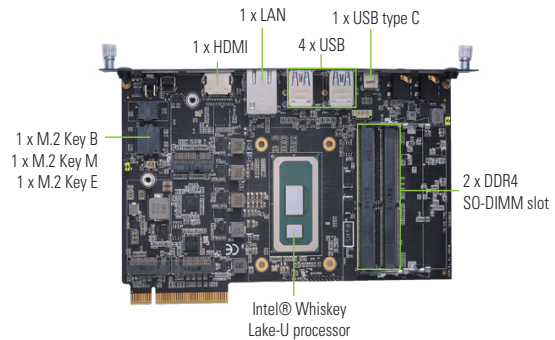


# SDM500L NEW

Smart Display Module Large with 8th Gen Intel® Core™ i7/i5/i3 Processor, HDMI and LAN

## Features

- 8th gen Intel® Core™ i7/i5/i3 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, one USB type C and LAN
- Supports Intel® AMT 12



### Core System

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| CPU                   | 8th gen Intel® Core™ i7 /i5 /i3 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 M slot<br>1 x M.2 Key B slot                                                           |
| WatchDog Timer        | 255 levels, 1 ~255 sec.                                                                            |
| Expansion Interface   | 1 x M.2 Key E slot for wifi/BT<br>1 x M.2 Key M slot for storage<br>1 x M.2 Key B slot for storage |
| Battery Lithium       | Lithium 3V/220 mAh                                                                                 |
| Power Input           | Through SDM golden finger<br>+12V & +3.3VBS                                                        |
| Dimensions            | 175 x 100 mm                                                                                       |
| Board Thickness       | 1.6 mm                                                                                             |
| Operating Temperature | 0°C to 60°C (+32°F to +140°F)<br>-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<br>1 x HDMI 2.0<br>1 x DP 1.2<br>1 x Serial TX/RX<br>2 x I²C                                  |
| Ethernet          | 1 port as 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<br>1 x USB type C                                                                             |

### Display

|                   |                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Chipset           | Intel® gen 9 HD graphics                                                                                                                          |
| Display Interface | 1 x HDMI 1.4 (4096 x 2160 @ 30p) (rear I/O)<br>1 x DP 1.2 (4096 x 2304 @ 60p) (golden finger)<br>1 x HDMI 2.0 (4096 x 2160 @ 60p) (golden finger) |

### Packing List

Quick installation guide

### Ordering Information

| Standard   |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| SDM500L-i5 | Smart Display module large with Intel® Core™ i5 processor with HDMI ,4 x USB 3.0 , 1 x USB type C and LAN |
| Optional   |                                                                                                           |
| SDB100     | SDM PiB Board                                                                                             |



## Assured Systems

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