



Smart Display Module (SDM)

SDM-1315AL

New

Key Features

Intel® Smart Display Module with Intel® 13th Generation Core™ i3-1315U Processor

- 8K Smart Display Module (SDM)
- Intel® Core™ i3-1315U Processor
- Dual Channel DDR5, 2 x SO-DIMMs
- 1 x 2.5GbE LAN Port
- 3 x USB 3.2 Type A Gen 2x1
- 1 x USB 3.2 Type C Gen 2x1 (with DP output)

SHARE



Add to Compare

Add to Inquiry

Specification

Technical Support

Related Products

Specification

Form Factor

SDM-Large
175W x 100D(mm)

CPU

Intel® Core™ i3-1315U Processor
Intel® 7, 6 cores, 2P+4E, 8 threads, up to 4.5 GHz
TDP 15W
10 MB Smart Cache

Socket

1 x FCBGA1744

Memory

2 x DDR5 SO-DIMM sockets, Max. Capacity 64 GB
Support Dual Channel DDR5 5200 MHz memory modules

Ethernet

1 x 2.5GbE LAN Port (Intel® I225LM)

Video

Integrated Graphics Processor - Intel® Iris Xe Graphics:

1 x HDMI 2.1 (SDM), supporting a maximum resolution of 7680x4320 @60Hz
1 x Display Port 1.4a (SDM), supporting a maximum resolution of 7680x4320 @60Hz
1 x HDMI 2.1 (Rear), supporting a maximum resolution of 7680x4320 @60Hz
1 x HDMI 2.0 (Rear), supporting a maximum resolution of 4096x2160 @60Hz
1 x DP 1.4 through USB type C (8k), supporting a maximum resolution of 7680x4320 @60Hz

(4 independent display outputs)

Audio

Intel® Integrated Audio

Expansion Slots

1 x 2280 M.2 M-Key (PCIe x4)
1 x 2230 M.2 E-Key

Rear I/O

2 x HDMI
1 x RJ45 LAN Port
3 x USB 3.2 Type A Gen 2x1
1 x USB 3.2 Type C Gen 2x1 (with DP output)
1 x PWR LED
1 x HDD LED
2 x External Antenna Holes (Optional)
1 x Reset button
1 x Power button

TPM

Onboard TPM 2.0 security chip
INFINEON SLB9670VQ2.0

OS Compatibility

Windows 10/11 (x64)

Operating Properties

Operating temperature: 0°C to +55°C
Operating humidity: 0%-90% (non-condensing)
Non-operating temperature: -40°C to +85°C
Non-operating humidity: 0%-95% (non-condensing)

Packing Content

Carton size: 465 x 351 x 217 (mm)
Packing Capacity: 10pcs

Single Box size: 221 x 178 x 65 (mm)
Single Box weight: Approx. 0.46kg

Including:

Screw Kit with #0 ZIPLOCK BAG SCREW-BIND M3.0*L5.0 NI x 2pcs (P/N: 25KSD-130053-

S0R)

Followings are the optional components to be purchased only when choosing M.2 NVMe SSD for SKU combination:

DIMM2 PAD P/N: 25ST3-200086-T5R*1

M.2 Standoff P/N: 12KSF-F10303-20R*1

M.2 Screw P/N: 25KSG-130048-S0R*1

M.2 Bracket P/N: 25ST1-1231Z0-S7R*1

Order Information

9MRLU3ALMR-SI (Box packing)

Optional Kit

Internal Wi-Fi Cable P/N: 25CA0-090004-A5S (90mm) *1 + 25CA0-280003-A5S (280mm)

External Wi-Fi 5 Antenna P/N: 25CA0-112001-A5S *2

External Wi-Fi 6/6E Antenna P/N: 25CA0-163002-A5S *2