

# SDM-1315AL

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



## Features

- 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)
- Environment : Operation 0°C to +55°C

## Specifications

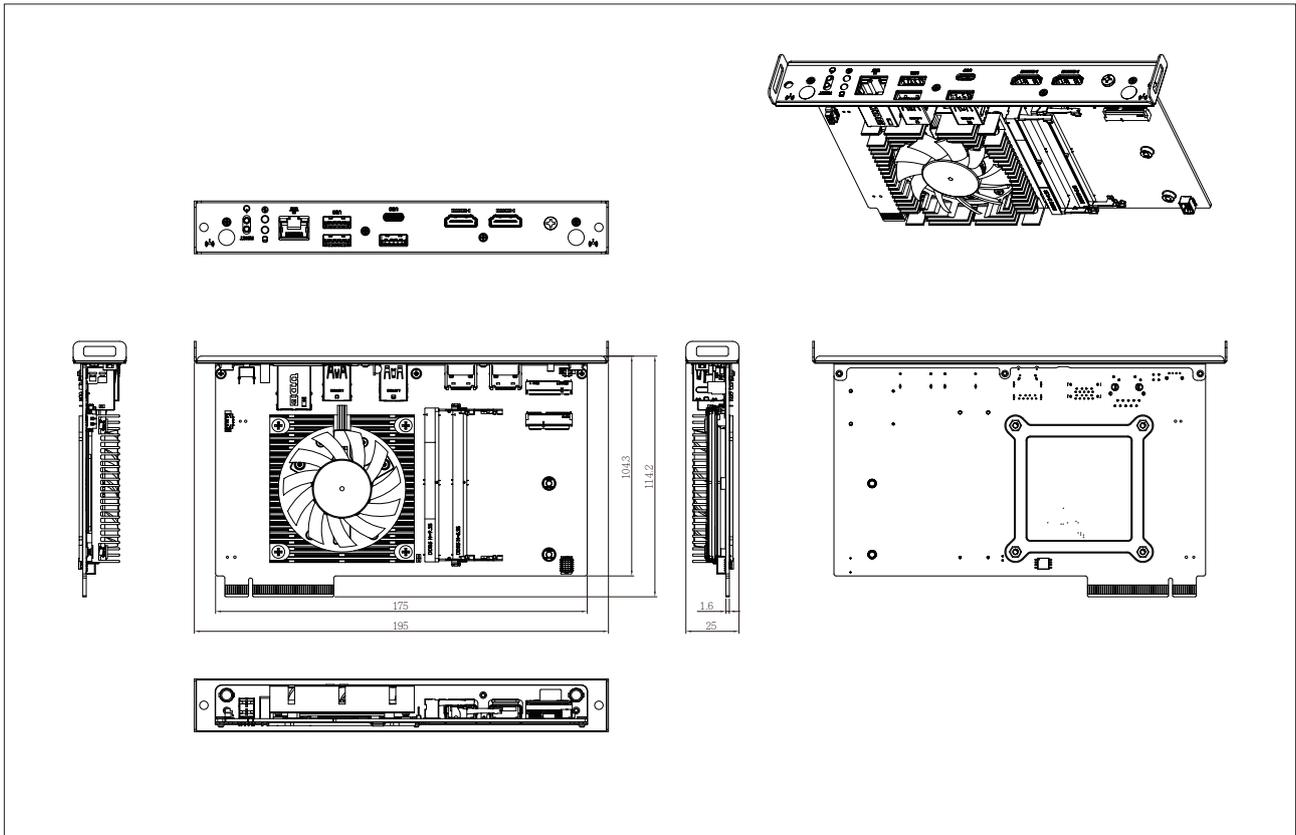
Form Factor	SDM-Large 175W x 100D (mm)
CPU	Intel® Core™ i3-1315U Processor Intel® 7, 6 cores, 2P+4E, 8 threads, up to 4.5 GHz TDP 15W
Socket	1 x FCBGA1744
Memory	2 x DDR5 SO-DIMM sockets, Max. Capacity 64 GB Support Dual Channel DDR5 5200 MHz memory modules
Ethernet	1 x 2.5GbE LAN Port (Intel® I225LM)
Video	Integrated Graphics Processor - Intel® UHD Graphics for 13th Gen Intel® Processors: 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 Gen4x4) 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)

## Application Scenarios

- Digital Signage
- Menu Board
- Video Wall
- Interactive Whiteboard

## Dimension

Unit: mm



## Packing Content

- Carton size: 465 x 351 x 217 (mm)
- Box Packing Capacity: 10pcs
- Single Box size: 221 x 178 x 65 (mm)
- Including:
  - Screw Kit with #0 Ziplock Bag Screw-Bind M3.0 x L5.0 NI x 1pc (P/N: 25KSD-130053-S0R)
  - ※ Followings are the components 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

- SDM: 9MRLU3ALMR-SI (Box packing)

## Optional Kit

- Internal Wi-Fi Cable P/N: 25CA0-090004-A5S (90mm) \*1 + 25CA0-280003-A5S (280mm) \*1
- External Wi-Fi 5 Antenna P/N: 25CA0-112001-A5S \*2
- External Wi-Fi 6/6E Antenna P/N: 25CA0-163002-A5S \*2

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