

SDM-1165G7L

Intel® Smart Display Module with Intel® 11th Generation Core™ i7-1165G7 Processor



Features

- Intel® Core™ i7-1165G7 Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 1 x GbE LAN Port
- 3 x USB3.2 Gen 1
- 1 x USB2.0
- Environment : Operation 0°C to +55°C
- Support 4K/60Hz, HDCP v2.2

Specifications

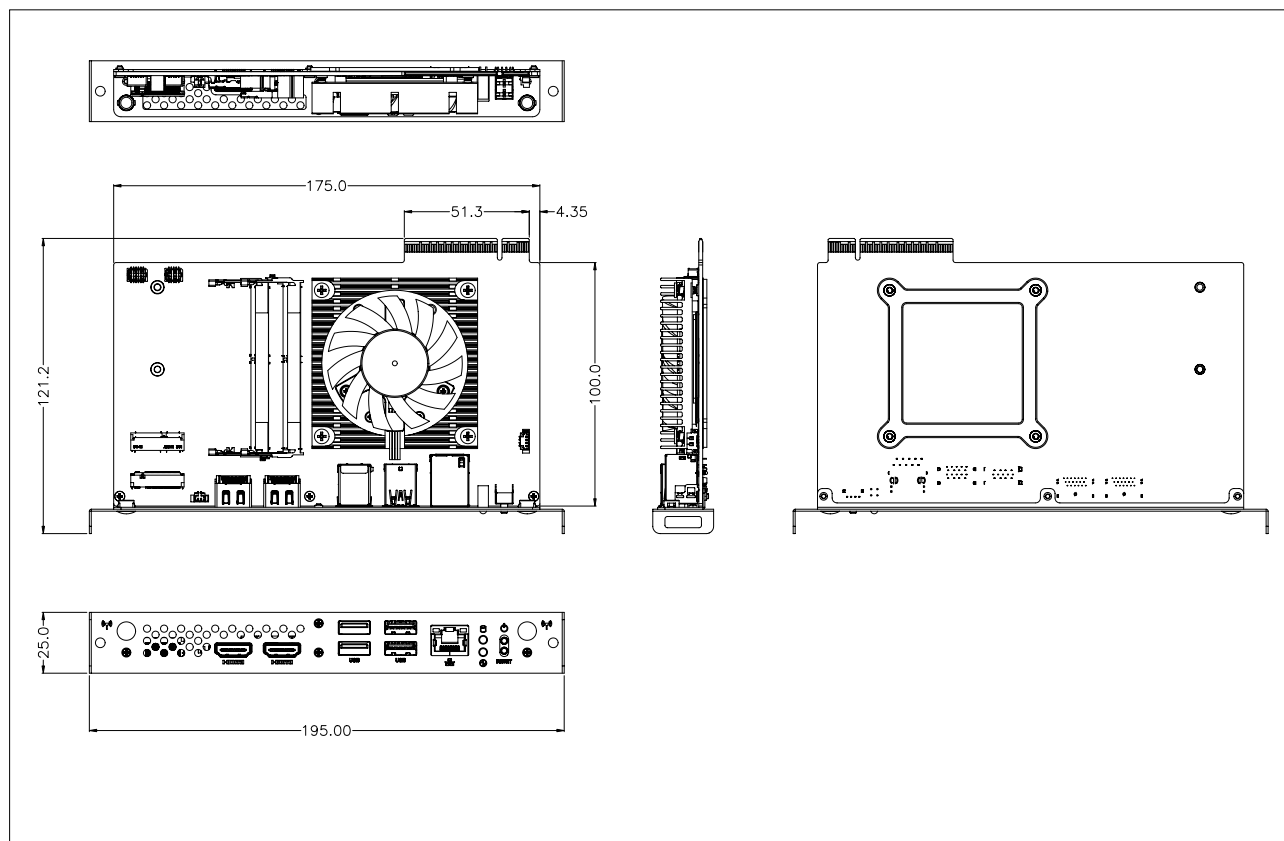
Form Factor	SDM-Large 175W x 100D (mm)
CPU	Intel® Core™ i7-1165G7 Processor 10nm SuperFin, 4 cores, 8 threads, up to 4.70 GHz TDP 28W
Socket	1 x FCBGA1449
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 64 GB Support Dual Channel DDR4 3200 MHz memory modules
Ethernet	1 x GbE LAN Port (Intel® I219V)
Video	Integrated Graphics Processor - Intel® Iris Xe Graphics: 1 x HDMI 2.0 (SDM), supporting a maximum resolution of 4096x2160 @60Hz 1 x Display Port (SDM), supporting a maximum resolution of 4096x2160 @60Hz 2 x HDMI 2.0 (Rear), supporting a maximum resolution of 4096x2160 @60Hz (4 independent display outputs)
Audio	Intel® integrated Audio
Storage	—
RAID	—
Expansion Slots	1 x 2280 M.2 M-Key (PCIe x4, SATA 6Gb/s) 1 x 2230 M.2 E-key
Rear I/O	1 x RJ45 LAN Port 2 x HDMI 2.0 3 x USB 3.2 Gen 1 1 x USB 2.0 1 x PWR LED 1 x HDD LED 2 x External Antenna Holes (Optional) 1 x Reset button 1 x Power button
TPM	1 x TPM header
OS Compatibility	Windows® 10 (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)
- Content:
 - Screw Kit with #0 Ziplock Bag Screw-Bind M3.0 x L5.0 NI x 2pcs (P/N: 25KSD-130053-S0R)

Order Information

- SDM: 9MTGU7ALMR-SI (Box packing)

Optional Kit

- TPM 2.0 module P/N: 9CTM010NR-00
- TPM Cable P/N: 25CRZ-100600-S9R
- 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

※ 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

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