

# SDM-1185G7EL

Intel® Smart Display Module with Intel® 11th Generation Core™ i7-1185G7E Processor



## Features

- 8K Smart Display Module (SDM)
- Intel® Core™ i7-1185G7E Processor
- 16GB LPDDR4x-4267 MT/s (Soldered)
- 1 x 2.5GbE LAN Port
- 2 x USB 3.2 Type A Gen 2x1
- 1 x USB 3.2 Type C Gen 2x1 (with DP output)
- 2 x HDMI 2.0
- Environment : Operation 0°C to 55°C
- Long life time support

## Specifications

Form Factor	SDM-Large 175W x 100D (mm)
CPU	Intel® Core™ i7-1185G7E Processor 10nm SuperFin, 4 cores, 8 threads, up to 4.40 GHz TDP 28W
Socket	1 x FCBGA1449
Memory	16GB LPDDR4x-4267 MT/s (Soldered)
Ethernet	1 x 2.5GbE LAN Port (Intel® I225LM)
Video	Integrated Graphics Processor - Intel® Iris X Graphics: 2 x HDMI 2.1 (SDM), supporting a maximum resolution of 7680x4320 @60Hz 2 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
Storage	1 x 2280 M.2 M-Key (Support NVME only) Default SSD supplied with 128GB and heatsink
Expansion Slots	1 x 2230 M.2 E-Key (with Intel AX210 Wi-Fi Card) 1 x 3052 M.2 B-Key (Support 5G)
Rear I/O	2 x HDMI 1 x RJ45 LAN Port 2 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 4 x External Antenna Holes (Optional) 1 x Reset button 1 x Power button
TPM	1 x TPM header (SPI interface)
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)

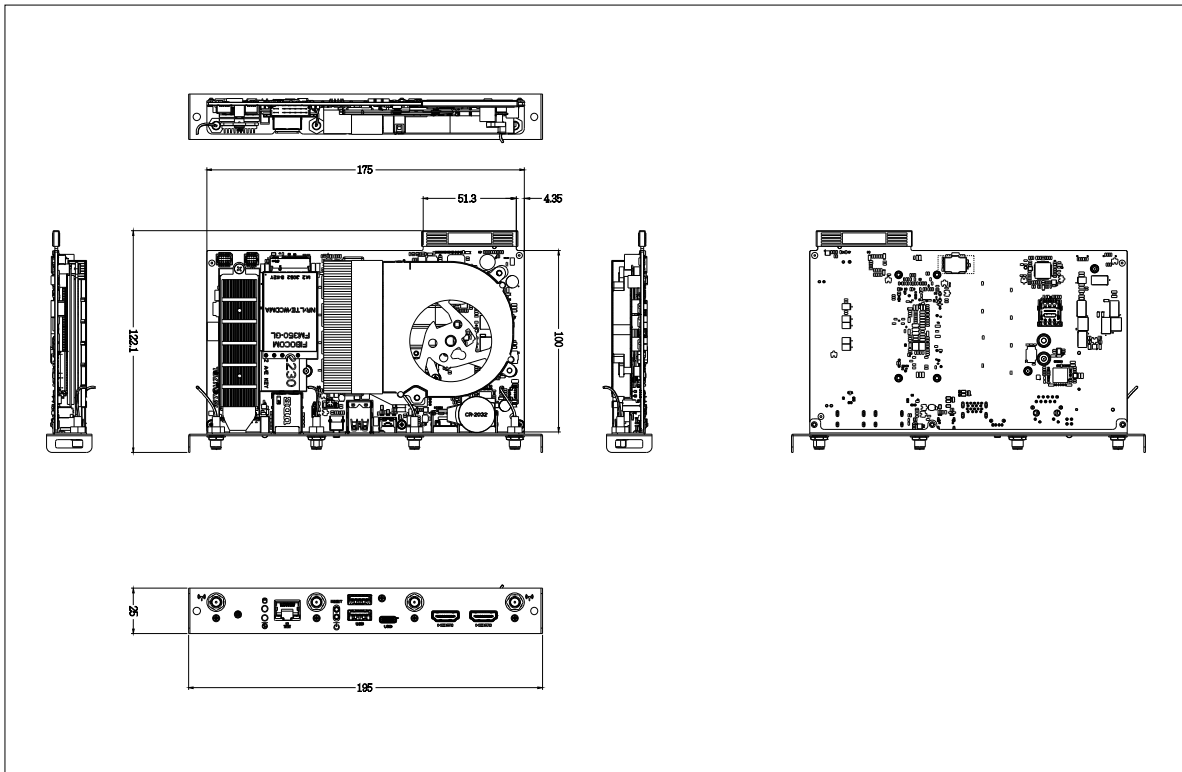
## Application Scenarios

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

GIGAIPC reserves the right to modify or change technical data without prior notice.

## Dimension

Unit: mm



## Packing Content

- Carton size: 469 x 382 x 381 (mm)
- Packing Capacity: 10pcs
- Including:
  - US power cord x 1 (P/N: 25CP0-007001-Q0R)
  - PSU ADP 12V 120W 100-240VAC x 1 (P/N: 25EP4-201202-F3S)
  - External Antenna for WiFi module x 2 (P/N: 25CA0-163002-A5S)

## Order Information

- SDM: 9MTGU7BLMR-IA (Box packing)

## Optional Kit

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

2022/11/01