

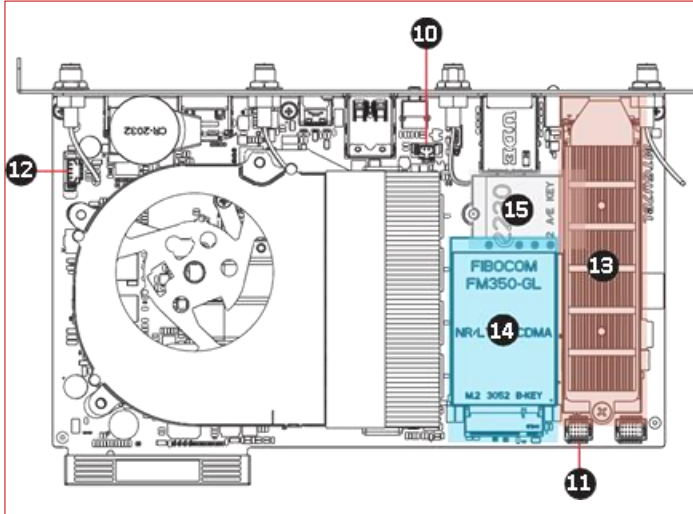
### Features:

- 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 (DP output)
- 2 x HDMI 2.0
- Environment : Operation 0°C to 55°C
- Long lifetime support

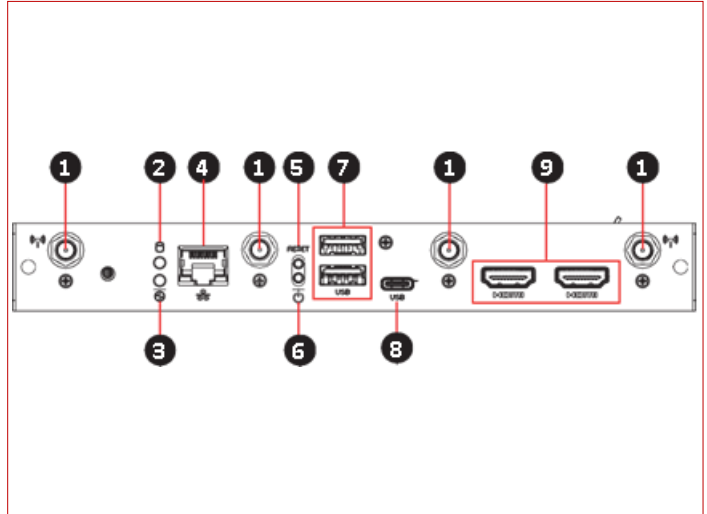


Primary Component	Description	
Form Factor	SDM-Large, 175W x 100D(mm)	
CPU	Intel® Core™ i7-1185G7E Processor, 10nm 4 cores, 8 threads, up to 4.40 GHz TDP 28W	
Socket	1x FCBGA1449	
Memory	<b>16GB Pre-Installed</b> , 16GB LPDDR4x-4267 MT/s (Soldered)	
Ethernet	1x 2.5GbE LAN Port (Intel® I225LM)	
Wireless	<b>Pre-Installed</b> , (with Intel® AX210 Card)	
Video	Integrated Graphics Processor - Intel® Iris X <sup>e</sup> Graphics: 2x HDMI 2.1 (SDM), supporting maximum resolution of 7680x4320 @60Hz 2x HDMI 2.0 (Rear), supporting maximum resolution of 4096x2160 @60Hz 1x DP 1.4 through USB type C (8k), supporting maximum resolution of 7680x4320 @60Hz  (4 independent display outputs)	
Audio	Intel® Integrated Audio	
Storage	1x 2280 M.2 M-Key (Support NVME only) <b>Default SSD supplied with 128GB and heatsink</b>	
Expansion Slots	1x 2230 M.2 E-Key (with Intel AX210 Wi-Fi Card) 1x 3052 M.2 B-Key (Support 5G)	
Rear I/O	2x HDMI 1x RJ45 LAN Port 2x USB 3.2 Type A Gen 2x1 1x USB 3.2 Type C Gen 2x1 (w/DP output) 1x PWR LED	1x HDD LED 4x External Antenna Holes (Optional) 1x Reset button 1x Power button
TPM	1x TPM header (SPI interface)	
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)

## Front view

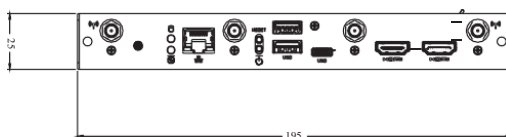
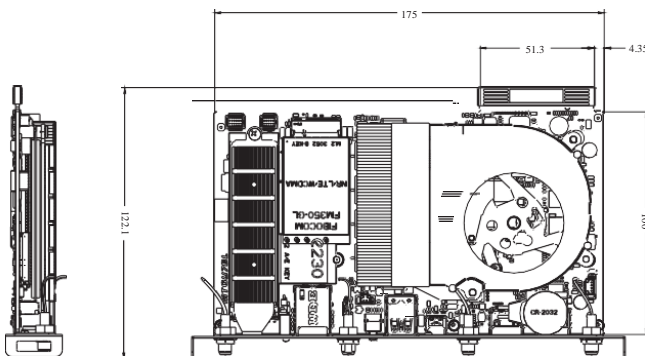
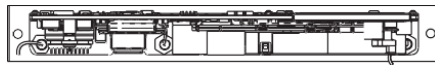
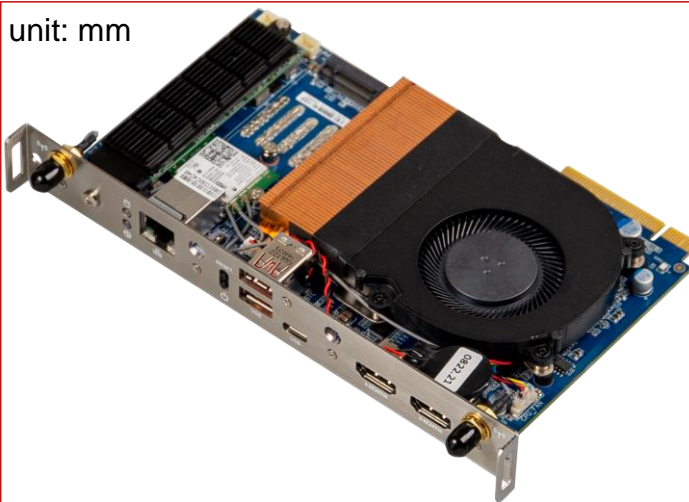


## I/O side



## Dimensions

unit: mm



No	Code	Description
1	Antenna hole	4x External Antenna Holes (Optional)
2	PS_LED	1x HDD LED (Top)
3		1x PWR LED (Bottom)
4	LAN	1x RJ45 Port
5	PSW_RST	1x Reset button (Top)
6		1x Power button (Bottom)
7	USB32	2x USB 3.2 Type A Gen 2x1
8	USBTC	1x USB 3.2 Type C Gen 2x1
9	HDMI_1 HDMI_2	2x HDMI
10	BATTERY	1x Battery cable connector
11	TPM	1x Trusted Platform Module Connector
12	CPU_FAN	1x CPU Fan connector
13	M2M	1x 2280 M.2 M-Key (NVME only)
14	M2B	1x 3052 M.2 B-Key
15	M2E	1x 2230 M.2 E-Key

