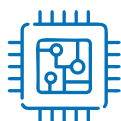
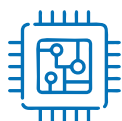


Windows OPS

Technical Specification



i5 - 12450H



i7 - 12650H



8K Supported



8G/16G/32G
RAM
Supported



Wi - Fi



Bluetooth



Type-C



The description, illustrations, etc. in this document may subject to change in accordance with the latest product specification and performance.



Specification

Processor System	
CPU	Intel® Alder Lake-P Processor, Max. TDP 28W I5-12450H/I7-12650H
Chipset	Intel SOC design
BIOS	AMI UEFI BIOS
Graphics	
Graphics Card	Intel® Iris® Xe Graphics
Multi Displays	3 simultaneous 3 displays
Interface	1 x DP1.4(8K 30Hz), 1 x HDMI1.4(4K 30Hz), 1 x 80PIN(1 x HDMI2.0 4K 60Hz output, 1 x DP1.4)
Memory	
Type	Dual channel SO-DIMM DDR4-3200MHz
Max	32GB
Ethernet	
LAN IC	1 x Realtek 8111H Co-Lay Intel Ethernet Connection I226LM
Interface	10/100/1000Mbps
Connector	1x RJ45
Wireless	
Type	Wi-Fi/BT module
Interface	1 x M.2 2230 slot for WIFI_BT module
Storage	
Interface	1 x M.2 2280 size for NVMe/SATA SSD
Environment	
Operating Temp	-5~45°C
Operating Humidity	10% - %90 non condensing
Storage Temp.	-20~70°C
Operating Humidity	5%~95% non-condensing
Size	
Dimension	Comply with OPS standart module, 119(L) x 180(W) x 30(H) mm
Power Input	
Power Input	12~19V DC IN, 2.5/5.5 DC Jack & JAE 80Pin DC IN
Software	
OS Supports	Windows10/Windows11/Linux
Watchdog	Support
vPro/AMT	Support
TPM	Support
IO Interface	
Front Panel	1 x DP 1.4, 1 x HDMI 1.4 2 x USB 2.0, 2 x USB 3.1, 1 x Type-C(USB3.1) 1 x RJ45 1 x Line out & MIC-In two in one connector 2 x Wi-Fi/BT ANT
OPS Interface	1 x 2.5/5.5 DC IN JACK 1 x HDMI2.0 4K60Hz output 1 x DP1.4 5K60Hz output 2 x USB2.0, 1 x USB3.0 1 x TTL

