



- Intel OPS standard module
- Supports Intel 12/13th Gen processor
- 2 x SO-DIMM DDR4
- 1 x M.2 2280
- 7 x USB 2.0/3.0
- M.2 2230 Wi-Fi / BT slot
- Displays: 1 x HDMI, 1 x DP, 1 x HDMI (80-pin)
- 12-19V DC

## Specifications

|                         |             |  |
|-------------------------|-------------|--|
| <b>Processor System</b> | CPU         | Intel® Alder Lake i5-1235U, TDP 28W  |
|                         | PCH         | SOC  |
|                         | BIOS        | AMI UEFI BIOS  |
| <b>Memory</b>           | Type        | 2 x SO-DIMM DDR4 (dual channel)  |
| <b>Storage</b>          | Interface   | 1 x M.2 2280 for SATA / NVMe SSD   |
| <b>Graphics</b>         | Chipset     | Intel® Iris® Xe Graphics   |
|                         | Interface   | 1 x 80-pin Con. HDMI 2.0, 4096 x 2160 @ 60Hz<br>1 x DP 1.2, 4096 x 2160 @ 60Hz<br>1 x HDMI 1.4, 4096 x 2160 @ 30Hz   |
| <b>Ethernet</b>         | Interface   | 1 x 10/100/1000Mbps RJ45   |
| <b>Wireless</b>         | Interface   | 1 x M.2 2230 for Wi-Fi + BT module   |
| <b>I/O Interface</b>    | Front panel | 1 x HDMI 1.4 (4096x2160@30Hz); 1 x DP 1.2 (4096x2160@60Hz)<br>1 x RJ45; 4 x USB 3.0; 1 x Type-C (DP 1.4 display)<br>1 x MIC in; 1 x Line out; 1 x Power button<br>2 x Wi-Fi / BT antenna |
| <b>Power</b>            | Power input | 12/19V DC in, 2.5/5.5 DC jack  |
| <b>Size</b>             |             | 180mm (L) x 120mm (W) x 30mm (H)   |
| <b>Environment</b>      | Temp.       | -5~45°C operating; -20~70°C storage  |
|                         | Humidity    | 5%~95% non-condensing  |
| <b>Software</b>         | OS support  | Windows 10/11, Linux   |

## Dimensions & I/O Interface

