



- Intel OPS standard module
- Supports Intel 13/14th Gen HX 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® Raptor Lake i5-14450HX, TDP 55W  |
|                         | PCH         | Intel HM770 PCH   |
|                         | 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® UHD Graphics (14th Gen)  |
|                         | Interface   | 1 x 80-pin Con. HDMI 2.1, 4096 x 2160 @ 60Hz<br>1 x DP 1.4, 4096 x 2160 @ 60Hz<br>1 x HDMI 2.1, 4096 x 2160 @ 60Hz  |
| <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 2.1 (4096x2160@60Hz); 1 x DP 1.4 (4096x2160@60Hz)<br>1 x RJ45; 4 x USB 3.0; 1 x Type-C<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

