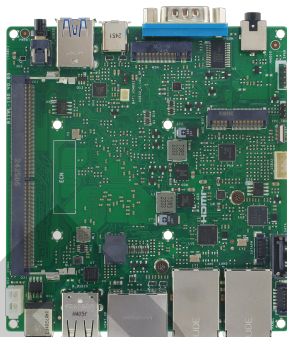


# BITWL-150 Industrial PC



- Intel® Twin Lake
- Support triple display: HDMI® /DP / Type C
- DDR5-4800MHZ SO-DIMM, max 16GB
- 2 x Intel 2.5GbE LAN
- 2 x USB2.0, 2 x USB3.2 Gen1
- 1 x COM port
- 1 x M.2 key-M 2280 for NVMe/SATA storage
- 1 x M.2 key-E 2230 for WIFI/BT module
- DC-IN 12~19V

## Specification

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU SUPPORT    | Intel® Twin Lake / Alder Lake Processor<br>- Intel Processor N150                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MEMORY         | 1 x 262-pin DDR5-4800Mhz SO-DIMM, up to 16GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| EXPANSION SLOT | 1 x M.2 key-E 2230 support PCIe3.0 x1 + USB2.0 for WIFI/BT module<br>1 x M.2 Key-M 2280 support PCIe3.0 x4/ SATA for NVMe / SATA storage                                                                                                                                                                                                                                                                                                                                                                                             |
| GRAPHICS       | Intel® Integrated Graphics, support triple display<br>- 1 x HDMI® 2.0 connector (4096x2160@60Hz)<br>- 1 x DP1.4 connector (4096x2160 @60Hz)<br>- 1 x Type C (4096x2160 @60Hz)                                                                                                                                                                                                                                                                                                                                                        |
| AUDIO          | Audio Codec: ALC897                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LAN            | Dual 2.5GbE<br>2 x Intel i226-V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPER I/O CHIP | IT8613E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| INTERNAL I/O   | Expansion slots:<br>- 1 x M.2 M key<br>- 1 x M.2 E key<br>SATA:<br>- 1 x SATA3 7pin connector<br>- 1 x 1*4 pin SATA power box header<br>Audio:<br>- 1 x 1*4 pin box header for buzzer<br>USB:<br>- 1 x 1*10 pin header, support 1 x USB3.2 Gen1/ 5V power for daughter board NUC-2LAN w/ 2 x LAN, 1 x COM, 1 x USB2.0<br>Power:<br>- 1 x 1*2 pin ATX connector , support DC-IN 12~19V<br>Others:<br>- 1 x 1*4 pin CPU Fan header (5V)<br>- 1 x 1*2 pin clear CMOS header<br>- 1 x 1*6 front panel header ( power/ power LED/ buzzer) |

|             |                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| FRONT PANEL | 1 x Power button<br>2 x USB3.2 Gen1 Type A connector<br>1 x Type C (DP alt mode)<br>1 x COM port<br>1 x Audio Jack( LINE-out, MIC-in) |
| REAR PANEL  | 1 x DC_IN (12-19V)<br>2 x USB2.0 Type A connector<br>1 x HDMI® connector<br>1 x DP connector<br>2 x RJ45 connectors, support 2.5G     |
| DIMENSION   | 105 mm x 113 mm x 1.6mm ( W x L x H )                                                                                                 |
| ENVIRONMENT | 0°C ~ 60°C Humidity : 5% ~ 90%                                                                                                        |
| OS SUPPORT  | Support Windows 11 IoT Enterprise 24H2 or later version<br>Support Ubuntu 24.04                                                       |

\*The specification and pictures are subject to change without notice and the package contents may differ by area or your motherboard version!

