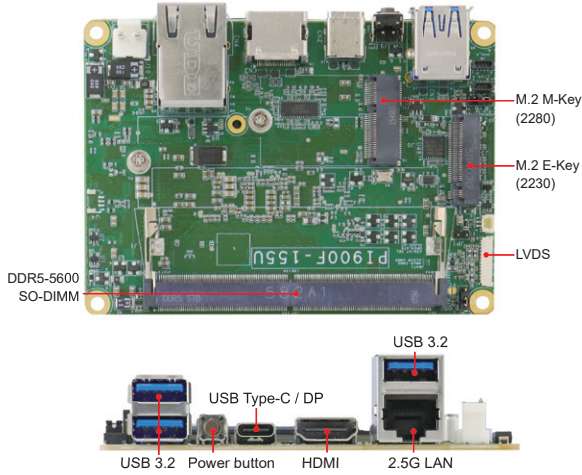
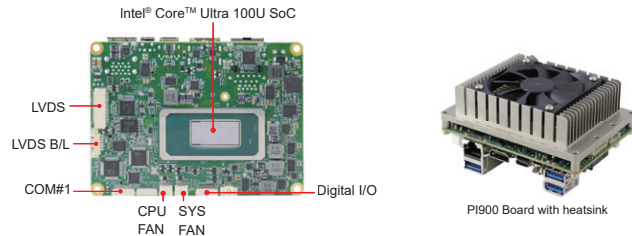




## Features

- Intel® Core™ Ultra 100U Series Processors (15W TDP)
- 1x DDR5-5600 SO-DIMM, Max. 48GB
- Supports DisplayPort (1.4a), HDMI (2.0), LVDS
- 3x USB 3.2 (Type-A), 2x USB 2.0 (pin-header), 1x USB 3.2 (Type-C)
- 1x RTL-8125BG-CG PCIe 2.5G LAN, 1x COM
- 2x M.2 slots (M2280+E2230)
- Watchdog Timer, Digital I/O, TPM (2.0), +12V DC input only



## Specifications

|                          |                                                                                                                                                                               |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                      | Intel® Core™ Ultra 100U Series                                                                                                                                                |
| PCH                      | N/A                                                                                                                                                                           |
| Memory                   | 1x DDR5-5600 SO-DIMM, Max. 48GB                                                                                                                                               |
| BIOS                     | AMI                                                                                                                                                                           |
| Watchdog Timer           | 256 levels                                                                                                                                                                    |
| H/W Monitor              | Yes                                                                                                                                                                           |
| Storage Device Interface | NVMe                                                                                                                                                                          |
| Expansion Slots          | 1x M.2 (M2280), 1x M.2 (E2230)                                                                                                                                                |
| Mini Type Slots          | 1x M.2 (M2280, supports NVMe & SATA)<br>1x M.2 (E2230, supports CNVi)+WIFI / BT                                                                                               |
| Graphics Controller      | Intel® SoC integrated graphics                                                                                                                                                |
| Video Output             | 1x HDMI (2.0)<br>1x DisplayPort (1.4a) via Type-C<br>1x LVDS                                                                                                                  |
| Ethernet                 | 1x Realtek 8125BG-CG PCIe 2.5GbE LAN port                                                                                                                                     |
| I/O Chipset              | Fintek F81804U-I                                                                                                                                                              |
| Serial Port              | 1x RS232/422/485                                                                                                                                                              |
| USB 2.0                  | 2x USB 2.0 thru onboard connectors                                                                                                                                            |
| USB 3.X                  | 3x USB 3.2 @ edge I/O, 1x USB 3.2 (Type-C)                                                                                                                                    |
| Serial ATA               | via M.2 M-key socket                                                                                                                                                          |
| Audio                    | Realtek Codec ALC888S-VD2-GR                                                                                                                                                  |
| TPM                      | dTPM                                                                                                                                                                          |
| Others                   | Digital I/O (4-in/4-out), +12V DC input                                                                                                                                       |
| Dimensions (L x W)       | 100mm x 72mm (3.94" x 2.84")                                                                                                                                                  |
| Power Consumption        | Intel® Core® Ultra 7 155U / up to 4.80GHz<br>w/ 1x 32GB DDR5 – 5600<br>+12V :5.93A<br>Intel® Core® Ultra 5 125U / up to 4.30GHz<br>w/ 1x 32GB DDR5 – 5600 DIMM<br>+12V :5.91A |
| Operating Temperature    | 0°C~+60°C ( 32°F~+140°F)                                                                                                                                                      |
| Storage Temperature      | -20°C~+80°C (-4°F~+176°F)                                                                                                                                                     |
| Relative Humidity        | 10% ~ 90% (non-condensing)                                                                                                                                                    |

## Ordering Information

|              |                                                                                                                                                                             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PI900AF-125U | PICO-ITX, Intel® Core™ Ultra 7-125U SoC onboard, w/ LVDS, DisplayPort, HDMI, 2.5GbE LAN, 1x COM, 1xSATA III, 2xM.2, dTPM, +12V DC-in, Optional Heatsink & cable kit (RoHS2) |
| PI900AF-155U | PICO-ITX, Intel® Core™ Ultra 7-155U SoC onboard, w/ LVDS, DisplayPort, HDMI, 2.5GbE LAN, 1x COM, 1xSATA III, 2xM.2, dTPM, +12V DC-in, Optional Heatsink & cable kit (RoHS2) |

## Dimensions and Drawings

