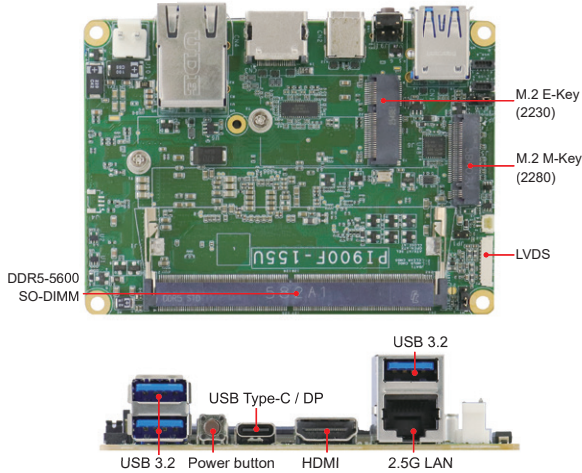
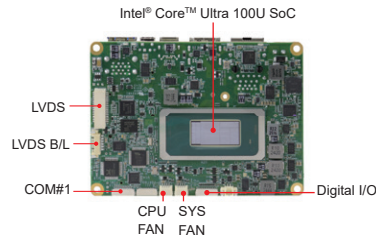




Features

- 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, dTPM, +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) 1x M.2 (E2230, supports WiFi / BT)
Graphics Controller	Intel® SoC integrated graphics
Video Output	1x HDMI (2.0) 1x DisplayPort (1.4a) via Type-C 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 w/ 1x 32GB DDR5 - 5600 +12V :5.93A Intel® Core® Ultra 5 125U / up to 4.30GHz w/ 1x 32GB DDR5 - 5600 DIMM +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

PI900F-125U	PICO-ITX, Intel® Core™ Ultra 5-125U SoC onboard, w/ LVDS, DisplayPort, HDMI, 2.5GbE LAN, 1x COM, 1xSATA III, 2xM.2, dTPM, +12V DC-in, Optional Heatsink & cable kit (RoHS2)
PI900F-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)
HSP1900-C	Heatsink with fan for PI900

Dimensions and Drawings

