

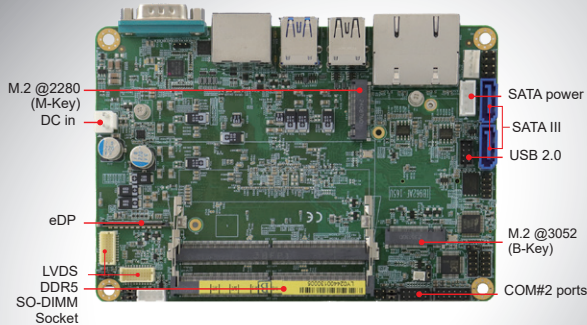
# IPC-B3IS962

## 3.5" Single Board Computer

14th Gen Intel® Core™ Ultra Processor (MTL-U/H Platform)

### Features

- Onboard 14th Gen Intel® Core™ Ultra 7/5 100 Series processors
- 2x DDR5 SO-DIMM, Max. 64GB
- Supports HDMI, DP++, LVDS and eDP
- 1x Intel® I226LM 2.5G LAN, 1x Intel® I226V 2.5G LAN
- 3x USB 3.2, 3x USB 2.0, 2x COM, 2x SATA III
- 3x M.2 slots (M-Key + E-Key + B-Key)
- Supports 5G, digital I/O (4-in/4-out), TPM & watchdog timer

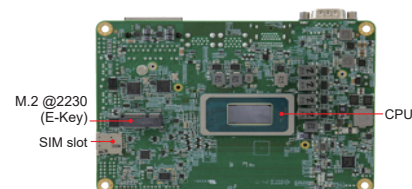
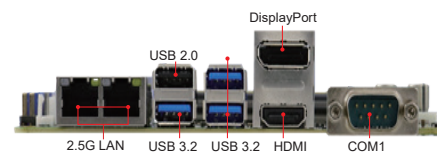


### Specifications

|                          |   |
|--------------------------|---|
| CPU                      | 14th Gen Intel® Core™ Ultra 7/5 100 Series processors   |
| PCH                      | N/A   |
| Memory                   | 2x DDR5 SO-DIMM, 5600MT/s, Non-ECC, Max.64GB  |
| BIOS                     | AMI   |
| Watchdog Timer           | 256 levels  |
| H/W Monitor              | Yes   |
| Storage Device Interface | M.2 (M2280 for NVMe)  |
| Mini Type Slots          | 1x M.2 (M-Key, Type:2280, supports NVMe with PCI-E(4x) signal only)<br>1x M.2 (E-Key, Type:2230, supports CNVi)<br>1x M.2 (B-Key, Type:3052, supports 5G/LTE) |
| Graphics Controller      | 14th Gen Intel® Core™ series built-in Iris Xe Graphics  |
| Video Output             | HDMI, DisplayPort, eDP & LVDS   |
| Ethernet                 | Intel® I226LM as 1st LAN, I226V as 2nd LAN  |
| I/O Chipset              | Fintek F81804U-I on board   |
| Serial Port              | 2x RS232/422/485  |
| USB 2.0                  | 3x USB 2.0 (1x Type-A ; 4x via pin headers)   |
| USB 3.X                  | 3x USB 3.2 (Type-A)   |
| Serial ATA               | 2x SATA III   |
| Audio                    | 14th Gen Intel® Core™ Ultra Series processor built-in HD audio + ALC888S codec  |
| TPM                      | Discrete TPM  |
| Others                   | Digital I/O (4-in/4-out); +12V~+24V DC-in   |
| Dimensions (L x W)       | 102mm x 147mm (4" x 5.8")   |
| Power Consumption        | TBD   |
| Operating Temperature    | 0°C~60°C (-4°F~140°F)   |
| Storage Temperature      | -20°C~80°C (-4°F~176°F)   |
| Relative Humidity        | 10% ~ 90% (non-condensing)  |

### Ordering Information

|                |  |
|----------------|--|
| IPC-B3IS962-C  | Intel® Core-Ultra 7 165H onboard 3.5" SBC, w/ I226LM + I226V 2.5G LAN, VGA (HDMI +DP + eDP + LVDS), 2x SATA III, 2x COM, 3x M.2 (M2280/ E2230/ B3052), supports iAMT & dTPM, DC-in (12V~24V), Optional Heatsink, cable kit |
| IPC-B3IS962-B  | Intel® Core-Ultra 7 165U onboard 3.5" SBC, w/ I226LM + I226V 2.5G LAN, VGA (HDMI +DP + eDP + LVDS), 2x SATA III, 2x COM, 3x M.2 (M2280/ E2230/ B3052), supports iAMT & dTPM, DC-in (12V~24V), Optional Heatsink, cable kit |
| IPC-B3IS962-A  | Intel® Core-Ultra 5 135H onboard 3.5" SBC, w/ I226LM + I226V 2.5G LAN, VGA (HDMI +DP + eDP + LVDS), 2x SATA III, 2x COM, 3x M.2 (M2280/ E2230/ B3052), supports iAMT & dTPM, DC-in (12V~24V), Optional Heatsink, cable kit |
| IPC-B3IS962    | Intel® Core-Ultra 5 135U onboard 3.5" SBC, w/ I226LM + I226V 2.5G LAN, VGA(HDMI +DP + eDP + LVDS), 2x SATA III, 2x COM, 3x M.2 (M2280/ E2230/ B3052), supports iAMT & dTPM, DC-in (12V~24V), Optional Heatsink, cable kit  |
| IPC-B3IS962-CB | Cable kit w/USB, COM, Power, SATA<br>Heatsink + Cooler<br>Heat Spreader  |



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