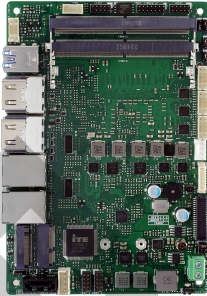


BIMTL-PAT Industrial PC



- Intel® Meteor Lake Lake-U Processor Series
- Supports quad display : LVDS/ eDP, HDMI®x4
- Support 2 x DDR5-5600 MHz SO-DIMM, up to 96GB
- 2 x Intel i226 2.5G LAN
- 2 x USB3.2 Gen2, 4 x USB2.0
- 3 x RS232/422/485
- 1 x M.2 M key 2242/2260/2280 support PCIe4.0 x4 for NVMe storage
- 1 x M.2 E key 2230 support PCIe3.0 x1 +USB2.0 for WIFI/BT module
- DC-IN 9~24V

Specifcation

CPU SUPPORT	Intel® Meteor Lake-U Processor Intel Core Ultra 5 125U/ Core Ultra 7 155U
MEMORY	2 x 262-pin DDR5-5600Mhz SO-DIMM, up to 96GB
EXPANSION SLOT	1 x M.2 M Key 2242/2260/2280 support PCIe4.0 x4 for NVMe storage 1 x M.2 E Key 2230 support PCIe3.0 x1 + USB2.0, support WIFI/BT module
GRAPHICS	Intel® Integrated Graphics, support quad display - 4 x HDMI® 2.1 connector (4096x2160@60Hz) - 1 x LVDS/eDP (1920 x 1200 @60Hz, LVDS/eDP switch mode by BIOS)
AUDIO	Audio Codec: ALC897 + ALC105, support 4 ohm 2W amplifier
LAN	Dual 2.5GbE 1 x Intel i226-V + 1x Intle i226-LM Support vPro
SUPER I/O CHIP	IT8786E-I
REAR I/O	4 x HDMI® connector 2 x USB3.2 Type A connector 2 x RJ45 connectors, support 2.5G



INTERNAL I/O	Expansion slots: - 1 x M.2 M key - 1 x M.2 E key SATA: - 1 x SATA3 7pin connector - 1 x 1*4 pin SATA power header Display: - 1 x 2x20 pin LVDS/eDP box header (share with the same connector, LVDS/eDP switch mode by BIOS) - 1 x 1*8 pin LCD backlight control box header (12V/ 5V) - 1 x 2*3 pin LCD power voltage select header(3.3V/5V/12V, default is 3.3V) Audio: - 1 x 2*5 pin header for MIC-in, LINE-in, LINE-out - 1 x 1*4 pin box header for 4 ohm 2W amplifier speaker USB: - 2 x 2*5 pin header, support 4 x USB2.0 Power: - 1 x 1*2 pin phoenix connector , support DC-IN 9~24V Serial Port: - 3 x 2*5 pin RS232/422/485 box header (COM1-COM3) - 3 x 1*3 pin COM power select header (5V/12V, default is 5V) Others: - 1 x buzzer - 1 x 2*5 pin 8-bit DIO header - 1 x 1*4 pin CPU Fan header - 1 x 1*3 pin clear CMOS - 1 x 1*3 pin DIO power select header (5V/12V, default is 5V) - 1 x 2*7 pin front panel header - 1 x Power LED onboard for APCI power status - 1 x 1*3 pin AT/ATX mode select header (default is ATX) - TPM2.0 onboard
ENVIRONMENT	0°C ~ 60°C Humidity : 5% ~ 90%
OS SUPPORT	Support Windows 10 IoT Enterprise 21H2/ 11 IoT Enterprise 24H2 or later version 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!

