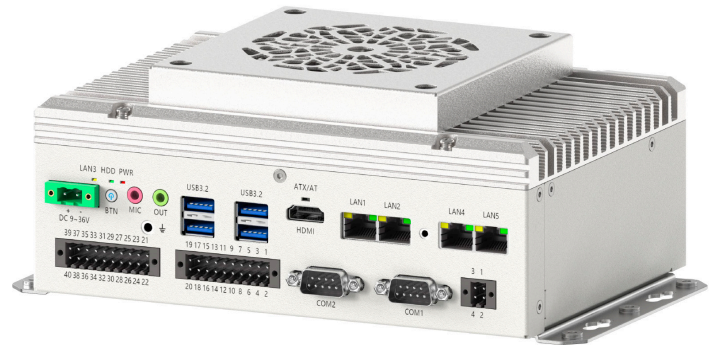


WBP-12U7 Series

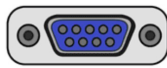
Intel® 12th Gen Alder Lake-U Processo based Embedded BOX-PC

Features

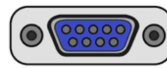
- Intel®12th Gen Alder Lake-U Processo i5/ i7 Processor
- 1x SO-DIMM DDR4 up to 32GB
- 1x HDMI
- 3x Intel i210 GbE, 1x i219 GbE LAN ports
- 4x USB3.2 Ports
- 1x M.2 2280 SATA / NVMe X4 SSD
- 1x M.2 2230 E-KEY and 1x M.2 3052 B-KEY
- 9V~36V DC Input



-20~60°C



10x RS-232



2x RS-232/422/485



4x 10/100/1000 LAN Ports



Specifications

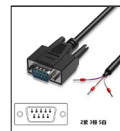
Material Chassis	Aluminum Alloy Shell
Colour	Beige
Dimensions (W x H x D)	235x 89.8x 132.16mm
Power Adapter	12V / 8A AC-DC Power Adapter
Power Input	DC9-36V Input
Processors	Intel® 12th Core Intel Core i5-1235U / i5-1245U / i7-1255U
Chipset	Integrated with Intel® SoC
Memory	1x SO-DIMM DDR4 2666/2933/3200MHz up to 32GB
Storage	1 x M.2 2280 SATA / NVMe X4 SSD Optional 1x 2.5-inch Drive Bay
BIOS	AMI UEFI BIOS
Display Controller	Integrated Intel® UHD Graphics 1x HDMI
Ethernet Controller	LAN1: Intel I210 GbE LAN2: Intel I219 GbE LAN3~4: Intel I210 GbE
Serial	12 x COM Ports COM1~2: RS-232/422/485, DB9 Ports COM3~12: RS232, Phoenix Terminal
USB	4x USB 3.2 Type-A
AUDIO	1x Audio_out, 1x Mic_in ; ALC897 HD
GPIO	N/A
Expansion Slot	1 x M.2 2230 E-Key support WiFi Module 1 x M.2 2230 B-Key support 4G/5G Module with SIM Socket
Remote power switch	3.5mm 2 x 2pin (Remote SW and Power LED)
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset
Environment	Operating Temperature: -20~60° C Storage Temperature: -40~80° C Operating Humidity: 5%~95%@40° C, non-condensing Vibration During Operation: With SSD: 5 Grms@5~500Hz, Random Shock During Operation: With SSD: 50G, half sine, 11ms
OS	Win10/11 64bit, Linux(Support by request)
EMC	FCC, CE, RoHS compliance

Ordering Information

Model name	Description
WBP-12U7-i5-1235U	BOX-PC with Intel i5-1235U, HDMI , 4x GbE LAN, 10x RS232 TX/RX signal, 2x RS232/422/RS485, AC Adapter DC12V with System FAN
WBP-12U7-i5-1245U	BOX-PC with Intel i5-1245U, HDMI , 4x GbE LAN, 10 xRS232 TX/RX signal, 2 x RS232/422/RS485, AC Adapter DC12V with System FAN
WBP-12U7-i7-1255U	BOX-PC with Intel i7-1255U, HDMI , 4x GbE LAN, 10x RS232 TX/RX signal, 2x RS232/422/RS485, AC Adapter DC12V with System FAN

Optional Accessories

Item	Description
	If you need to buy processors, HDD/SSD, power Adapter, system memory and other accessories, please contact us.



Length: 0.5m , 0.75m, 1m, 1.5m, 1.8m, 2m, 3m , 5m, 8m, 10m, 15m