

WBP-11U1 series

Intel 11th Gen Core Embedded Fanless Industrial Computer

Features

- 11th Gen Intel® Core™ i3/i5/i7 Tiger Lake U-series Processor
- DDR4 3200MHz, Dual Channel SO-DIMM Slots , up to 64GB
- Canbus and 16bits DIO (optional)
- 2x RS232/RS485
- Wide voltage DC 12V~28V
- -20° C ~60° C extended operating temperature



Configurable port
(COM ports or CabBus 2.0b)



Configurable port
(COM port, LAN port, GPIO port, USB ports)

Specifications

Material Chassis	Aluminum Alloy Shell
Colour	Grey
Dimensions	249mm(L) * 152mm(W) * 55.5mm(H)
Power Input	12~28VDC
Processors	Intel® 11th Generation Core™ i3 / i5 / i7 Mobile -U CPU
Chipset	Integrated with Intel® SoC
Memory	DDR4 3200MHz, Dual Channel SODIMM x2, up to 64GB
Storage	1 x M.2 Key-M (PCIe x4 Gen 3 + SATA3.0, Auto Detect, 2280) 1 x 2.5" SATA
BIOS	64Mb SPI FLASH
Display	Intel® UHD Graphics/Intel® Iris® Xe Graphics (dependent on CPU type) 1x HDMI interface 1x DP
Ethernet Controller	1x Intel® i210AT GbE LAN 1x Intel® i219-LM GbE LAN
Serial	Front I/O 2x RS232/485 (COM1/2, DB9/M, BIOS control) 4x RS-232 (COM3 - COM6) optional
USB	2x USB3.2 Gen2x1 (Type-A) 2x USB3.2 Gen1x1 (Type-A)
AUDIO	1 x Audio_out & Mic_in
GPIO	Optional: 16bits DIO (8xDI and 8xDO)
Expansion Slot	1*Mini PCIe Slot (PCIe x1+USB 2.0, with 1 * SIM Card) 1*Mini PCIe Slot (PCIe x1+USB 2.0) 1*M.2 (Key-M, 2280, PCIe x2 NVMe/ SATA, SSD) 1x SIM Socket 1x USB Type-C
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset
Environment	Operating Temperature: -20~60° C Storage Temperature : -40~80° C Operating Humidity : 10%~95%@40° C, non-condensing
OS	Win10 · Win11 · Linux(Support by request)
EMC	CE, FCC · ROHS compliance

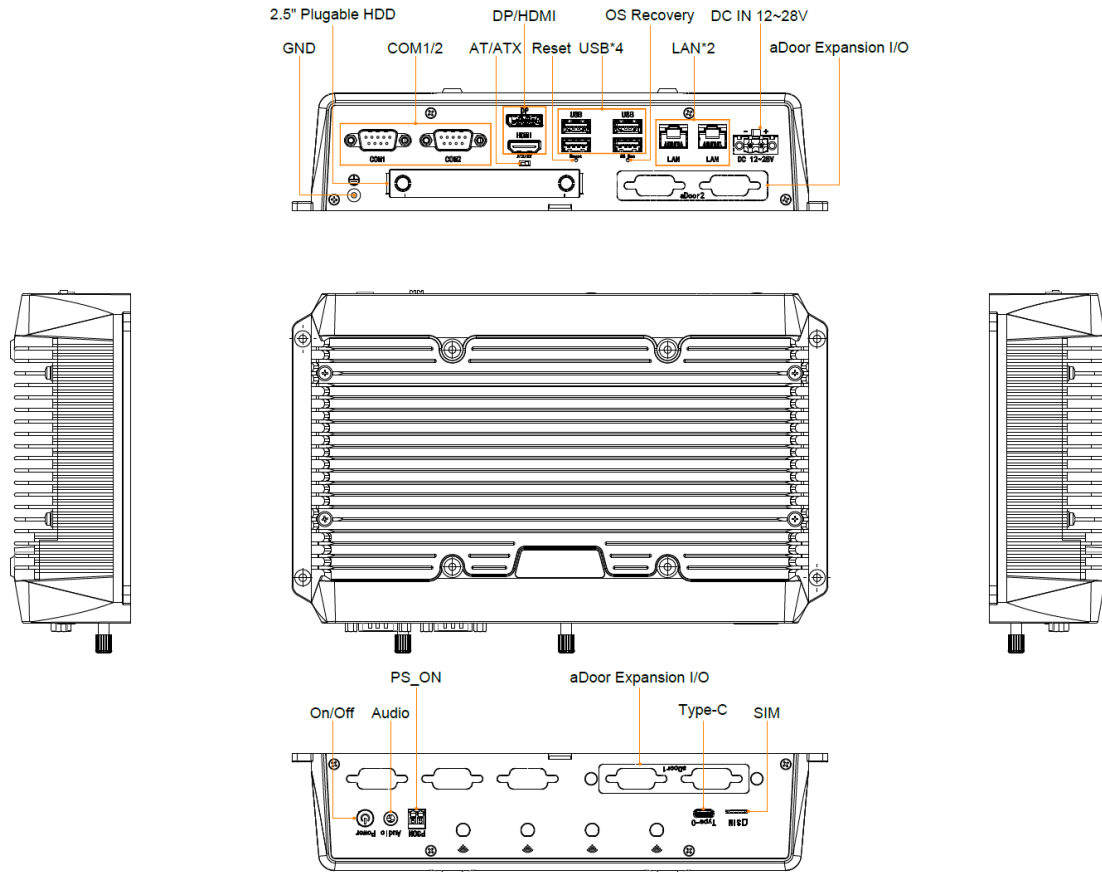
Ordering Information

Model name	Description
WBP-11U1-i3-1115G4	Industrial Fanless BOX-PC with Intel Core i3-1115G4 Processor,2xCOM , 2xLAN,4xUSB
WBP-11U1-i5-1155G7	Industrial Fanless BOX-PC with Intel Core i5-1155G7 Processor,2xCOM , 2xLAN,4xUSB
WBP-11U1-i7-1195G7	Industrial Fanless BOX-PC with Intel Core i7-1195G7 Processor,2xCOM , 2xLAN,4xUSB

Optional Accessories

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

Physical I/O



Dimension:

