

WBP-08U1 series

Intel 8th Gen Core Embedded Fanless Industrial Computer

Features

- Intel 8th gen. Kaby Lake U Series low power processor
- SODIMM DDR4 low voltage memory socket
- Intel HD Graphics integrated graphics
- 1x DVI, 1x VGA display interface
- 3x Intel I210 GbE LAN
- 8x RS232, 2 x RS232/485
- 1x Mini PCIeX1, 1 x SATA, 1 x M-SATA, 1x M.2 Key-E
- 9V~30V DC Input



Specifications

Material Chassis	Aluminum Alloy Shell
Colour	Silver
Dimensions (W x H x D)	215x 136x 60mm
Power Adapter	12V/5A AC-DC Power Adapter
Power Input	DC9~30V input, support power reverse and overvoltage protection
Power Protection	OVP (Over Voltage Protection) RPP (Reverse Polarity Protection)
Processors	Onboard Intel Celeron, Kaby Lake U Series -series CPU
Chipset	Integrated with Intel® SoC
Memory	2x DDR4 SODIMM Up to 32GB
Storage	1x SATA, 1x M-SATA
BIOS	64Mb SPI FLASH
Display Controller	Intel® UHD Graphics for Gen Intel® Processors 1 x DVI, 1 x VGA
Ethernet Controller	3x Intel® i210 GbE LAN
Serial	10 x COM Ports COM1 9-wire RS232, supporting 4000V surge protection, DB9 Port COM2 3-wire RS232, supporting 4000V surge protection, DB9 Ports COM3,4 RS232/485 DB9 Ports COM5,6 3-wire RS232, supporting 4000V surge protection, DB9 Ports COM7-10 5-wire RS232, supporting 4000V surge protection, DB9 Ports
USB	4x USB 2.0, 4x USB 3.0
AUDIO	1x Audio_out, 1x Mic_in
TPM	N/A
GPIO	12 bit, provide routines, freely define input / output, jumper can select 3.3V/5V@24mA level, and extend from SMBUS.
Expansion Slot	1*M.2 (Key-E, PCIe+USB, WiFi+BT) 1*MiniPCleX1 1*SIM Slot
Watchdog Timer	Software Programmable Supports 0~255 sec. System Reset
Environment	Operating Temperature: -20~60° C Storage Temperature : -40~80° C Operating Humidity : 5%~95%@40° C, non-condensing
OS	Win10, Linux(Support by request)
EMC	3C, FCC, CE, RoHS compliance

Ordering Information

Model name	Description
WBP-08U1-i3-8130U	Industrial Fanless BOX-PC with Intel Core i3-8130U 2.2GHz CPU, DVI/VGA, 3x I210 GbE LAN, 8x RS232, 2x RS232/485, 1x MiniPCleX1, 1x SATA, 1x M-SATA, 1x M.2 KEY-E, DC 9~30V input
WBP-08U1-i5-8250U	Industrial Fanless BOX-PC with Intel Core i5-8250U 1.6GHz CPU, DVI/VGA, 3x I210 GbE LAN, 8x RS232, 2x RS232/485, 1x MiniPCleX1, 1x SATA, 1x M-SATA, 1x M.2 KEY-E, DC 9~30V input
WBP-08U1-i7-8550U	Industrial Fanless BOX-PC with Intel Core i7-8550U 1.8GHz CPU, DVI/VGA, 3x I210 GbE LAN, 8x RS232, 2x RS232/485, 1x MiniPCleX1, 1x SATA, 1x M-SATA, 1x M.2 KEY-E, DC 9~30V input

Optional Accessories

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