

ER-P10WE



FEATURES

- ◆ Intel® Elkhart Lake™ 11th Celeron® J6412
- ◆ Industrial display, multi-point capacitive touch screen
- ◆ 1*DDR4 SO-DIMM memory slot, supporting up to 32GB
- ◆ 4*USB3.0, 4*RS232(One of them RS232/422/485 optional, default RS232)
- ◆ 1*HD,1*VGA(Internal pin)
- ◆ 2*Intel® Gigabit network card, among which LAN1 supports network wake-up
- ◆ Fanless design
- ◆ Panel protection level can reach IP65

Specification

System Hardware

CPU	Intel® Elkhart Lake™ 11th Celeron® J6412
Memory	1*DDR4 SO-DIMM memory slot, supporting up to 32GB
Storage	1*M.2 2280 SLOT (SATA/Nvme (PCIe X1) interface type automatic recognition)

Display

LCD	10.1" LCD
Touchscreen	Capacitive touch screen
Max. Resolution	1280*800
Luminance	350 cd/m2
Contrast Ratio	800: 1

OS

OS	Windows10/11, Linux
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I/O Interface

USB	4*USB3.0 (4*USB2.0 built-in) (USB3.0-3,4 support 1.5A, 1,2 support 0.9A)
COM	COM1:1*RS232/422/485 jump cap optional (default RS232), supports 5V/12V/RI # optional; COM2/3/4: 1 out 3 serial port cables 1 out 1*RS232 and 2*RS485, or 1 out 3 serial port cables 2 out 3*RS232/485 jump cap options (default RS232); 2*RS232 built-in(need to customize export)
Audio	1*4-section 3.5mm Audio Jack (supports headphone audio output and microphone audio input); 1*Horn 8 ohms 3 watts
Video	1*HD, 1*VGA pins can be customized for export
DC Port	Phoenix terminal 3pin
Mini PCIe	1*Mini PCIe(WiFi+BT/4G/5G Optional, One out of three)
SIM Card	1*Built-in SIM card holder
GPIO	NA

Power

Power	10-32V wide voltage input, standard with 12V/5A adapter
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Environment

Vibration Protection	5-17Hz/1.0mm amplitude; 17-200Hz/1.0g acceleration
Shock Protection	10g acceleration, 11ms cycle
IP Rating	Front panel IP65
Operating Temp.	-10~55 Degree (wide temperature optional)
Storage Temp.	-30~70 Degree (wide temperature optional)
Humidity	95% @40 Degree, non-condensing

Mechanical

Dimension (WxHxD)	290*210*55.4mm
Weight	3Kg
Color	Silver
Material	Aluminum alloy
Mounting	VESA mounting: 100*100mm Embedded installation: 273.5*195mm



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