

ER-P21WE



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 21.5" LCD

Touchscreen Capacitive touch screen

Max. Resolution 1920*1080

Luminance 250 cd/m2

Contrast Ratio 1000: 1

OS

OS Windows10/11, Linux

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

LAN 2*1000M LAN port

Power

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

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) 540.2*331.6*61.3mm

Weight 6.5kg

Color Silver

Material Aluminum alloy

Mounting VESA mounting: 100*100mm
Embedded installation: 527*318.5mm



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