

ER-P15W



FEATURES

- ◆ 15" Intel® Processor Core™ Alder Lake 12th Gen i3/i5/i7 & N-series N97
- ◆ Industrial display screen, multi point capacitive touch screen
- ◆ 2*SO-DIMM DDR4 (up to 64GB supported, max 16GB for N97)
- ◆ 2*USB 3.0+2*USB 2.0
- ◆ 1*RS232 Optional additional 3*RS232/485/422 on TOP
(Max 2*RS485 or 1*RS485+1*RS422)
- ◆ 1*HD/1*VGA/2*RJ45/2*Audio
- ◆ Fanless design

Specification

System Hardware

CPU Intel® Processor Core™ 12th Gen i3/i5/i7

Watchdog 0-255 seconds/grading implemented through system software

Memory DDR4 (optional 8/16/32/64GB,max 16GB for N97)

Storage M.2 2280 NVME SSD (optional 128/256/512GB/1T/2T/4T)

Display

LCD Type 15

Touchscreen Type 1024*768

Max. Resolution 15" Multi point capacitive touch screen

Luminance 300 cd/m2

Contrast Ratio 1000: 1

OS

OS Windows 10/11, Ubuntu

I/O Interface

USB 2*USB3.2, 2*USB2.0(optional USB3.0)

Serial port 1*RS232 Optional additional 3*RS232/485/422 on TOP (Max 2*RS485 or 1*RS485+1*RS422)

LAN 2*1Gbe RJ45(Realtek)

GPIO Customizable 4in+4out+VCC+GND

Audio 1*Line out, 1*MIC in

Video 1*HDMI, 1*VGA

Expansion Slot Optional dual band WIFI/BT, optional 4G/5G communication

SIM Card Optional with 4G/5G

Power

Power Input Standard Phoenix terminal(Optional Auto power on & 9-36V wide voltage input)

Environment

Vibration Protection 5-17Hz/1.0mm amplitude; 17-200Hz/1.0g acceleration

Shock Protection 10g acceleration, 11ms cycle

Reliability MTBF ≥ 30000h; MTTR ≤ 0.5h

Operating Temp. -10~60 Degree, Surface air flow

Storage Temp. -20~70 Degree

Humidity 95% @ 40 Degree, no condensation

IP Rating Front panel IP65

Mechanical

Dimension (WxHxD) 376mm*299.5mm*55mm

Weight 4.0kg/4.5kg(N.W./G.W.)

Color Black

Material All metal fanless design

Mounting VESA Installation: 75*75mm/100*100mm
Embedded Installation: 356.98mm*280.48mm



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