eRX i3-8145u TPM

RUGGED INDUSTRIAL COMPUTER

eos ibérica

Mini PC Serie	Fanless Industrial Computers	Industrial Components

Elevation

Industrial PC INTEL i3 2.1GHZ-3.9GHZ 8th generation with 8145U processor (Dual Core / 4 threads).

Rugged fanless computer in a grey aluminium chassis, with passive cooling system without the use of fans for protection against dusty environments.

Dual **HDMI/DP** video output for connection of 2 HD monitors. **TPM** (Trusted Platform Module) 2.0 function. Wide voltage range of **9v-36v**.

Indoor

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA
Processor: Intel 8145U i3 2,1-3,9Ghz
Resolution: 4096x2304
RAM: Supports up to 32GB SODIMM DDR4 2133/2400MH
Storage: M.2 SSD
Audio: 1x Jack 2.5: Speakers/ MIC
Socket: 2x RAM ddr4 / 1x m.2 sata.
Ports: 4xUSB 2.0/4xUSB 3.0/1xHDMI/1xDP/4x RS232
LAN: 2xRJ45 network card.
OS: Windows 7, 8, 10, Linux Compatible
Power supply: DC100-240V AC input / DC9v-36/
Consumption: ~ 15-37 watts
Vibration: Highly vibration resistant
Humidity: 0% ~ 90% (non-condensing)
Operating temp.: 0°C~70°C
Storage Temp.: -20°C~85°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

Mounting Type: Embedded yes, VESA no, RACK no.

Processor Frequency: Minimum 2.1Ghz, maximum 3.9Ghz.
Graphics: Integrated Intel UHD 620
RAM: 0 Gb on Board + 2 Socket SODIMM/1,20v (4/8/16Gb)
ROM: M2 SATA SSD (120, 240Gb/480GB/1TB)
Audio: Realtek HD ALC662 Line-out and MIC
LAN: 2 x Intel i211-AT 10/100/1000M. Wake on Lan. PXE
IP protection: IP50. Dust ingress cannot be prevented, but must not enter in such a quantity as to interfere with the correct operation of the equipment. No water protection. Watertight enclosure: For higher IP protection (OPTIONAL)
Wireless: -
GPS: -
3G/GPS: -
4G/GPS: -
Dimensions: 220 x 145 x 62 mm (LxWxH)
Weight: 1'2 Kg
Packing: Single Box; PC, Power Supply, Power Cable, Drivers.

PORTS I/O

Front

Back

CONNECTIVITY OPTIONS

NO WIFI/4G/GPS CONNECTIVITY OPTIONS. NO MINI PCIe

PRODUCT VALUES
> High processing power with eighth generation processor.
> Includes security hardware for TPM function. 2.0
> Resistant to aggressive environments; dust, grease, vibrations.
> Resistant to extreme temperatures and humidity.
> Very low power consumption.
> Significant number of USB / COM connections

MOST COMMON APPLICATIONS
> Interactive, multimedia kiosks
> Self-pay, unattended kiosks
> Industrial control systems (ICS)
> HMI control panels
> Distributed control systems / SCADA
> Data acquisition systems (DAQs)
> Data acquisition systems (DAQs)
> Integration in electrical panels
> Factory assembly lines
> Mounting on transport vehicles
> Wireless station (Wifi/4G)
> Wireless Station (Wifi/4G/GPS)
> Outdoor advertising and digital signage

APPLICATION SECTORS
> Kiosk industry
> Aerospace
> Automotive
> Data Centers
> Distribution
> Marine
> Pharmaceutical Industry
> Transport and Logistics
> Meat Industry
> Fishing Vessels
> Shipyards

SUCCESS STORIES
> Unattended kiosk at petrol stations
> Integration of payment terminals on motorways
> Installation in trains and buses

ALTERNATIVE REFERENCES
> Industrial pc i5 6200u SLV
> Panel pc industrial i5 4200u
> Industrial pc i5 8250u v2

CERTIFICATIONS

RoHS COMPLIANT · LEAD FREE

(intel)

IP 50

CCC

FC

CE

CONNECTIONS

1 x DP / 1 x HD-MI
2 x LAN
4 x USB2.0 / 4 x SUB3.0
4 x RS232
1 x Power Switch

DIMENSIONS

60.00
100.00
145.00
208.00
220.00
62.00