

## 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

## SUCCESS STORIES

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

## APPLICATION SECTORS

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

## ALTERNATIVE REFERENCES

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

## CERTIFICATIONS



## 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

