Elevation

21.5" INTEL I5 1.70ghz - 4.40ghz Industrial Touch Panel PC with 10th generation 10310u processor.

21.5" resistive technology touchscreen monitor and ruggedised fanless computer in aluminium chassis in grey colour, with passive cooling system without using fans.
It has HDMI video output for the connection of 1 external monitor. **4 USB ports** (4 x 3.0). Includes security **TPM 2.0**. VESA mounting system or panel mountable using supplied brackets. **Wide voltage range 9-36V.**

Inside

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Processor: Intel i5 10310U 1,70Ghz base
Resolution: 1920x1080 (Native). 350 cd/m2
RAM: Supports up to 32GB SODIMM DDR4
ROM: SATA SSD / SSD M.2 2280 / SATA HDD
Audio: 2x Jack 2,5; Speakers/ MIC
Socket: 1x RAM / 1x SATA / 1x MiniPCIE / 1x M.2
Ports: 4xUSB 3.0 / 1xHDMI / 2 RS232 (COM2 supports RS422/485).
LAN: 2xRJ45
OS: Windows 7, 8, 10, 11. Linux Compatible
Supply: DC100-240V AC input / DC12v/6A output
Power consumption: ~ 35-65 watts
Vibration: Vibration resistant
Humidity: 5% ~ 95% (non-condensing)
Operating temp.: 0°C~50°C
Storage temp.: -20°C~60°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

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

Processor Frequency: Minimum 1.70Ghz, max 4.40Ghz
Graphics: Intel® UHD Graphics for 10th Gen Intel® Processors
RAM: 0 Gb on Board + 1 Socket SODIMM DDR4 (4/8/16Gb)
ROM: SSD 2.5/ SSD M.2 SATA (240Gb, 480Gb) / HDD 2.5 (500Gb, 1Tb) *Consult other capacities.
Audio: Realtek HD ALC662 Line-out and MIC
LAN: Realtek RTL8111F or Intel I210/I211 AT 10/100/1000Mbps. Wake on Lan.
IP Protection Display: IP65 front. Water jetted (from any angle) through a 6.3 mm diameter nozzle must not enter, provided that the panel mounting is correct. **IP Protection Industrial PC:** IP50. Dust ingress cannot be prevented, but dust must not enter in such a quantity as to interfere with the proper operation of the equipment.
Wireless: Mini PCI Express Intel 7260BN. WiFi 802.11 b/g/n (OPTIONAL).
GPS: Mini PCI Express u-Blox pci-5s-1 - 500.
3G/GPS: Mini PCI Express Huawei EM770w. (OPTIONAL)
4G/GPS: Mini PCI Express Huawei ME909u-521. (OPTIONAL)
Dimensions: 408.5 * 346 * 61 mm (LxWxH)
Weight: 2.2 Kg
Packing: Single Box; PC, Power Supply, Power Cable, Drivers.

I/O PORTS

CONNECTIVITY OPTIONS

WiFi module: Intel 7260BN
WiFi Antenna: Yes
Connection cable: Yes
SMA extender: Optional

4G/GPS module: ME909u-521
4G/GPS antennas: Yes
Connection cable: Yes

PANEL SYSTEM OR VESA

PRODUCT VALUES
> Resistive touch for dusty environments or the need to use a pointer.
> 21.5" monitor with dual video output.
> Resistant to aggressive environments; dust, grease, vibrations.
> Resistant to extreme temperatures and humidity.
> Expandable equipment in its configuration, up to 16gb of RAM memory.
> Possibility of Wifi or 4G / GPS connection.
> Very low power consumption.

MOST COMMON APPLICATIONS
> HMI control panels
> Integration in switchboards
> Industrial control systems (ICS)
> Distributed control systems / SCADA
> Data Acquisition Systems (DAQs)
> Factory assembly lines
> Mounting on transport vehicles
> Wireless station (Wifi/4G/GPS)
> Outdoor advertising and Digital Signage.
> Interactive kiosks, multimedia
> Self-paid, unattended kiosks

APPLICATION SECTORS
> Agricultural engineering
> Meat industry
> Automation
> Aerospace
> Automotive
> Data Centers
> Distribution
> Naval sector
> Pharmaceutical Industry
> Transport & Logistics
> Transmission applications

SOME SUCCESS STORIES
> Interactive kiosks
> Factory assembly
> Solutions for agricultural engineering

ALTERNATIVE REFERENCES
> Panel Pc industrial 15" ePX15 i5-4200u
> Panel Pc industrial 17" ePX17 i5-4200u
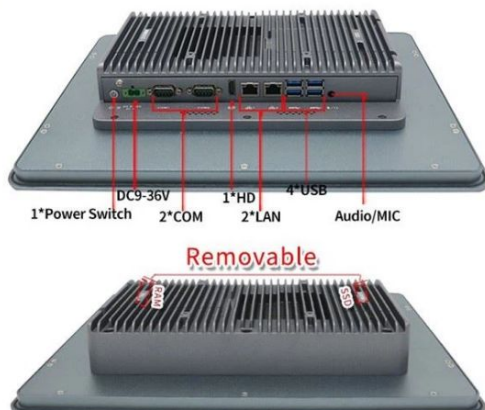> IR touch screen 17 + industrial pc

CERTIFICATIONS

LEAD FREE
RoHS COMPLIANT

(intel)

IP 65

CCC

FC CE

CONNECTIONS

1*Power Switch   DC9-36V   1*HD   4*USB
2*COM   2*LAN   Audio/MIC

Removable

DIMENSIONS