

Panel PC Series

Fanless Industrial Computers

Industrial Components



Front

21.5" Industrial Touch Panel PC INTEL I7 1.80GHz - 4.90GHz with 10th generation 10510u processor.

21.5" resistive technology touch monitor and ruggedised fanless computer in grey aluminium chassis, with passive cooling system without the use of fans.

Features HDMI video output for connecting 1 external monitor. **4 USB ports** (4 x 3.0). Includes **TPM 2.0** security. VESA or panel mounting system using the supplied brackets. **Wide voltage range 9-36V.**



Interior

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Processor: Intel i7 10510U 1.80GHz base
Resolution: 1920x1080 (Native). 350 cd/m2
RAM: Supports up to 32 GB SODIMM DDR4
ROM: SSD SATA / SSD M.2 2280 / HDD SATA
Audio: 2x 2.5 Jack; 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
Power Supply: DC100-240V AC input / DC12V/6A output
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 to 3 years)

OTHER TECHNICAL DATA

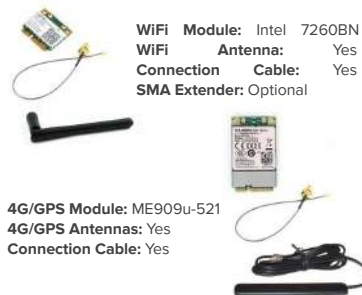
Mounting Type: Panel mountable yes, VESA yes, RACK no.

Processor Frequency: Minimum 1.70GHz, maximum 4.40GHz
Graphics: Intel® UHD Graphics for 10th Gen Intel® Processors
RAM: 0 Gb Onboard + 1 SODIMM DDR4 Socket (4/8/16Gb)
ROM: SSD 2.5/ SSD M.2 SATA (240Gb, 480Gb) / HDD 2.5 (500Gb, 1Tb) *Consult for other capacities.
Audio: Realtek HD ALC662 Line-out and MIC
LAN: Realtek RTL8111F or Intel I210/I211 AT 10/100/1000Mbps. Wake on Lan.
Screen IP Protection: Front IP65. Water projected in jets (from any angle) through a 6.3 mm diameter nozzle must not enter, provided that the panel mounting is correct.
Industrial PC IP Protection: IP50. Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory 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. (OPTIONAL)
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: Individual Box; PC, Power Supply, Power Cable, Drivers.

I/O PORTS



CONNECTIVITY OPTIONS



PANEL MOUNTABLE OR VESA SYSTEM



PRODUCT VALUES

- > Resistive touch for dusty environments or where a pointer is required.
- > 21.5" monitor with dual video output.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Expandable equipment configuration, up to 16GB of RAM.
- > WiFi or 4G / GPS connection options.
- > Very low power consumption.

MOST COMMON APPLICATIONS

- > HMI control panels
- > Integration into electrical cabinets
- > Industrial Control Systems (ICS) Distributed
- > Control Systems / SCADA Data Acquisition
- > Systems (DAQs) Factory floor assembly lines
- > Installation in transport vehicles
- > Wireless station (WiFi/4G/GPS)
- > Outdoor advertising and Digital Signage
- > Interactive multimedia kiosks
- > Self-checkout, unattended kiosks

APPLICATION SECTORS

- > Agricultural Engineering
- > Meat Industry
- > Automation
- > Aerospace
- > Automotive
- > Data Centres
- > Distribution
- > Naval Sector
- > Pharmaceutical Industry
- > Transport and Logistics
- > Transmission Applications

SOME SUCCESS STORIES

- > Interactive kiosks
- > Factory floor installation
- > Agricultural engineering solutions

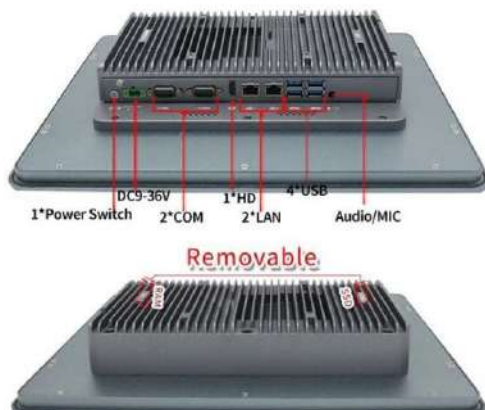
ALTERNATIVE REFERENCES

- > 15" Industrial Panel PC ePX15 i5-4200u
- > 17" Industrial Panel PC ePX17 i5-4200u
- > 17" IR Touch Screen + Industrial PC

CERTIFICATIONS



CONNECTIONS



DIMENSIONS

