eVH10 RK3328

RUGGED INDUSTRIAL COMPUTER

eos ibérica

Vehicle Series	Fanless Industrial Computers	Industrial Components

Elevation

10.1' Android 10 Industrial Touch Panel PC with rockchip R3328 board.

10.1' touch screen (1280*800) capacitive technology and fanless ruggedised computer in aluminium alloy chassis in black colour, with passive cooling system without the use of fans specially designed for use in special heavy duty vehicles (cars / cranes / tractors / forklifts).

Shockproof (shockproof), dustproof (dustproof) and waterproof (waterproof) pc-panel. Wide voltage range (12-36v).

Mainboard with ARM architecture

Inside

TECHNICAL SPECIFICATIONS

Direct Importer: Grupo EOS Ibérica SA

Processor: RK3288-I Quad-core 1.8GHz
Resolution: 1280x800 (Native)
RAM: 2 GB included
ROM: 16 GB included
Audio: Speakers included
Socket: -
Ports: 1 x USB 3.0 / 2 x COM RS232
LAN: -
OS: Android 10
Power supply (not included): DC100-240V AC input / DC12v/5A output
Power consumption: ~ 20-40 watts
Vibration: Vibration resistant
Humidity: 20% ~ 95% (non-condensing)
Operating temp.: -10°C~60°C
Storage Temp.: -40°C~85°C
Warranty: 1 Year (Extendable up to 3 years)

OTHER TECHNICAL DATA

Mounting Type: Panel mountable no, VESA yes (75 and 100), RACK no.

Processor: Quad-Core ARM Cortex-A53
Graphics: Integrated HD Mali-T764
RAM: 2 Gb integrated
ROM: Integrated SSD 16 GB.
Audio: 8 channels I2S/PDM
LAN: -.
IP Protection Display: IP65. 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: IP65.
Wireless: Included, dual-band 2.4G
Bluetooth: -
Display: Contrast: 600:1. Brightness: 300 nits. Viewing angle: 85/85/85/85/85.
Dimensions: 270 x 210 x 55 mm (LxWxH)
Weight: 1'50 Kg
Packing: Panel Pc only, without power supply, cabling or VESA brackets.

I/O PORTS

CONNECTIVITY OPTIONS

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

INCLUIDING
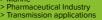
VESA MOUNTING SYSTEM

PRODUCT VALUES
> Quality capacitive touch.
> Resistant to aggressive environments; dust, grease, vibrations.
> Resistant to extreme temperatures and humidity.
> Very low power consumption.
> Certified product: CE, FCC, RoHS, CCC.

CERTIFICATIONS

MOST COMMON APPLICATIONS
> Mounting in transport vehicles
> HMI control panels
> Industrial control systems (ICS)
> Distributed control systems / SCADA
> Data Acquisition Systems (DAQs)
> Data Acquisition Systems (DAQs)
> Factory assembly lines

APPLICATION SECTORS
> Transport and Logistics
> Automotive
> Automation
> Aerospace
> Distribution
> Marine
> Pharmaceutical Industry
> Transmission applications

SOME SUCCESS STORIES
> Weighing scales
> Crane installation
> Solutions for agricultural engineering

ALTERNATIVE REFERENCES
> **Panel PC industrial 10' ePX10 i3-6100u**
> **Panel PC industrial 12' ePX12 i5-4300u**
> **IR 12' touch screen + industrial PC**

CONNECTIONS

USB	COM 1	COM 2	DC 12-36V

1	2	3	4
5V	D-	D+	GND

1	2	3	4
DCD	TXD	RXD	GND

1	2	3
12V~36V	GND	NC

DIMENSIONS

210 mm

270 mm

55 mm