VPC 2700

Main Features

- Intel Atom® x5 E3930 (Apollo Lake), 1.3Ghz (max. 1.8Ghz)
- 16:9 27" full HD TFT LCD
- Metal chassis and fanless design
- Wide-range DC input of 9V to 36V DC
- Front bezel compliant with IP54
- Screen with Tempered glass
- CE/FCC/E-Mark

Product Overview

VPC 2700 Vehicle Panel PC is designed for the Passenger Information System in buses, station and airports. It implements the latest Intel Atom® x5-E3930 processor (Apollo Lake) and can work on Windows and Linux for different OS. markets. To work well in 16:9 LCD with resolutions to 1920 x 1080 (full HD) and industrial motherboard making it the perfect " AIO " in transit panel PC solution. It is compliant to in-vehicle industrial standard CE/ FCC/ E-mark.

Specifications

LCD Panel
- LCD size: 27", 16:9
- Resolution: full HD, 1920 x 1080
- Luminance: 300 nits cd/m2
- Contrast ratio: 1,200
- LCD color: 16.7M
- View angle: 178 (H),178 (V)
- Backlight: LED

CPU
- Intel Atom® x5 E3930 (Apollo Lake), 1.3Ghz (max. 1.8Ghz)

Memory
- 1 x 204-pin DDR3L SO-DMIM sockets up to 8GB, default 4GB industrial grade memory

Storage
- 1 x M.2 (2242) B Key
- 1 x 2.5" SATA SSD

Expansion
- 1 x Full size mini-PCIe socket (USB 2.0, PCIe 3.0)
- 1 x M.2 slot 2242 B key (USB 2.0, USB 3.0, SATA 3.0) for storage

I/O Interface
- 1 x 6-pin DC input 9V-36VDC (power, ignition, ground)
- 1 x DB9 for full RS232/422/485
- 2 x RJ45 LAN port, 10/100/1000 Mbps
- 4 x USB 3.0
- 1 x HDMI port (support 4K x 2K)
- 1 x Line-in, 1 x Line-out

Ethernet
- LAN chip: Intel® I210-AT LAN chip, support Gigabit LAN
- Ethernet interface: 10/100/1000 Base-Tx Ethernet compatible

Mechanical
- Cooling system: fanless
- Enclosure: metal chassis
- Mounting: VESA mount 200 x 200; 200 x 400
- Ingress protection: front bezel IP54
- Dimension: 655mm (W) x 399mm (D) x 67mm (H)

Power Management
- Power input: 9V- 36V DC
- Selectable boot-up & shut-down voltage for low power protection by software
- Setting 8-level power on/off delay time by software
- Support S3/S4 suspend mode
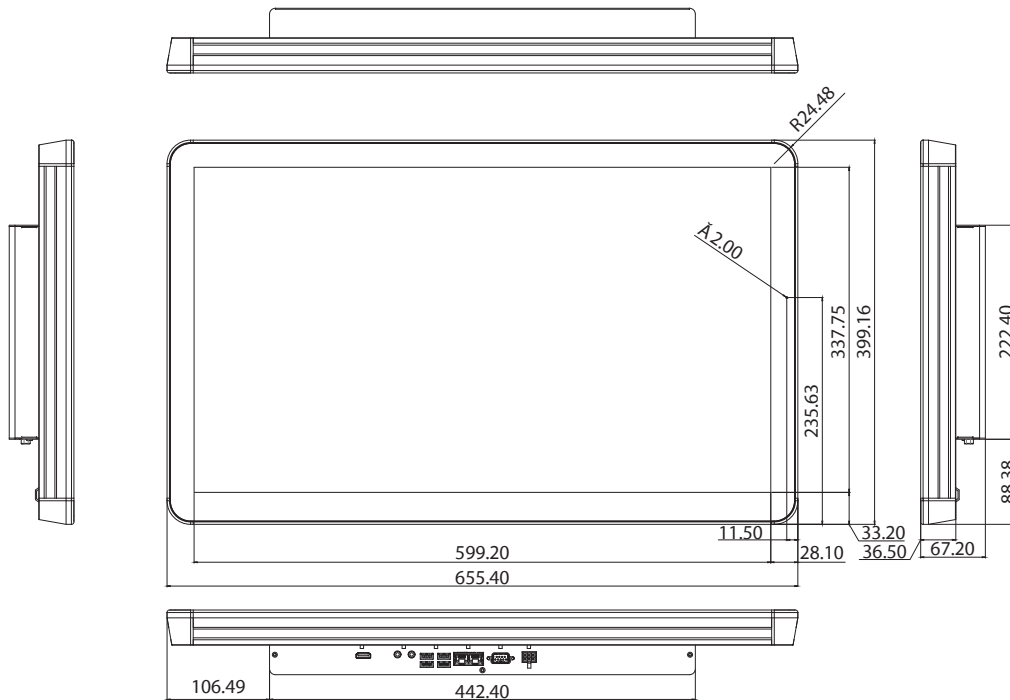
Operating System
- Windows 10
- Linux

Weight
- 14 kg

Environment
- Operating temperatures: 0°C~50°C with air flow
- Storage temperatures: 0°C~70°C
- Relative humidity: 10% to 90% (non-condensing)
- Vibration
  - Operating: IEC60068-2-64, 1G, random, 5-500Hz, 1hr/axis
  - Package: IEC60068-2-64, 1.5G, random, 1-200Hz, 0.5hr/Axis

Dimension Drawing

Certification
- CE approval
- FCC Class A
- E-Mark (E13)

Ordering Information

- **VPC 2700 (P/N: TBD)**
  Intel Atom® dual core processor x5-E3930, 1.3GHz CPU(max. 1.8GHz),
  4GB DDR3L SO-DIMM, HDMI output, 2 LAN, 1 x COM, 4 x USB,
  1 x DC-in put (9V-36VDC)