

Industrial PANEL PC

19" SXGA TFT LCD Core™ 2 Quad / Core™ 2 Duo
Industrial Panel PC with 2 x PCI Slots

MODEL: JPC1900C2D



The JPC1900C2D is an Industrial Panel PC with front USB access, supports the powerful Intel Core 2 Quad/Core 2 Duo, high speed DDR3 memory, two expansion PCI slots and slim type DVD-RW. The processor and chipset combination form the foundation of vPro, Intel's next generation digital office platform, offering remote out-of-band manageability, improved security, and energy efficient performance. Two SATA hard driver interface with RAID 0,1 support provides data security. The flat-sealed front panel design also allows easier cleaning and liquid run off. Also the control box has a gull-wing design for easy component installation and maintenance.

Features:

- 19" SXGA TFT LCD with touchscreen
- Intel® Core™ 2 Quad CPU (up to 2.8 GHz) / Core™ 2 Duo CPU (up to 3.0 GHz)
- System memory supports dual channel DDR3 SDRAM up to 4GB
- Offers two expansion slots for PCI add-on cards
- Dual Gigabit Ethernet with Intel vPro technology
- Supports 2 x 2.5" SATA HDDs and RAID 0/1 compatibility
- Front USB access and system reset function
- Flat-sealed front panel
- Control box with gull-wing design for easy installation and maintenance
- Front panel is NEMA4/IP65 compliant

Specifications:

General

- **BIOS** AMI 4 MB Flash BIOS
- **Certifications** UL, CE, FCC, CCC, BSMI
- **Enclosure** Die-cast fat-sealed front with SGCC Housing
- **Dimension (W x H x D)** 481.94 x 384.60 x 148.2 mm (18.97" x 15.14" x 5.83")
- **Mounting** Panel, Rack (option)
- **OS Support** Windows 7, Windows XP
- **Power Input** 100 ~ 240 V_{AC} @ 60 ~ 50 Hz, 7 ~ 3.5 A
- **Power Supply** 350 W
- **Weight (Gross)** 16.6 Kg (35.6 lbs)

System Hardware

- **CPU** Supports Socket LGA775 based up to Intel Core 2 Quad 2.8 GHz/Core 2 Duo 3.0 GHz
- **Chipset** Intel Q45 GMCH/ICH10D0
- **Memory** Two DDR3 240pin slots up to 4GB 1066/1333 MHz SDRAM
- **LAN** 10/100/1000 Base-T Ethernet x 2
- **Expansion** 2 x half-length PCI Slots Supports 2 x 2.5" SATA HDD Interface and Intel Matrix
- **Storage** Storage Technology RAID 0/1
- **Optical Driver** 1 x Slim Type DVD-RW
- **I/Os** 2 x RS-232, 1 x RS-232/422/485
5 x USB 2.0 (one at front) 2 x PS2 (Keyboard, Mouse)
1 x VGA Port
Mic-in, Line-in, Line-out

LCD Display

- **Backlight Life** 50,000 hrs
- **Contrast** 1300:1
- **Display Size** 19"
- **Display Type** SXGA TFT LCD
- **Luminance** 300 cd/m²
- **Max. Colors** 16.2M (RGB 6-bit + FRC data)
- **Max.** 1280 x 1024
- **Viewing** 178/178

Touchscreen

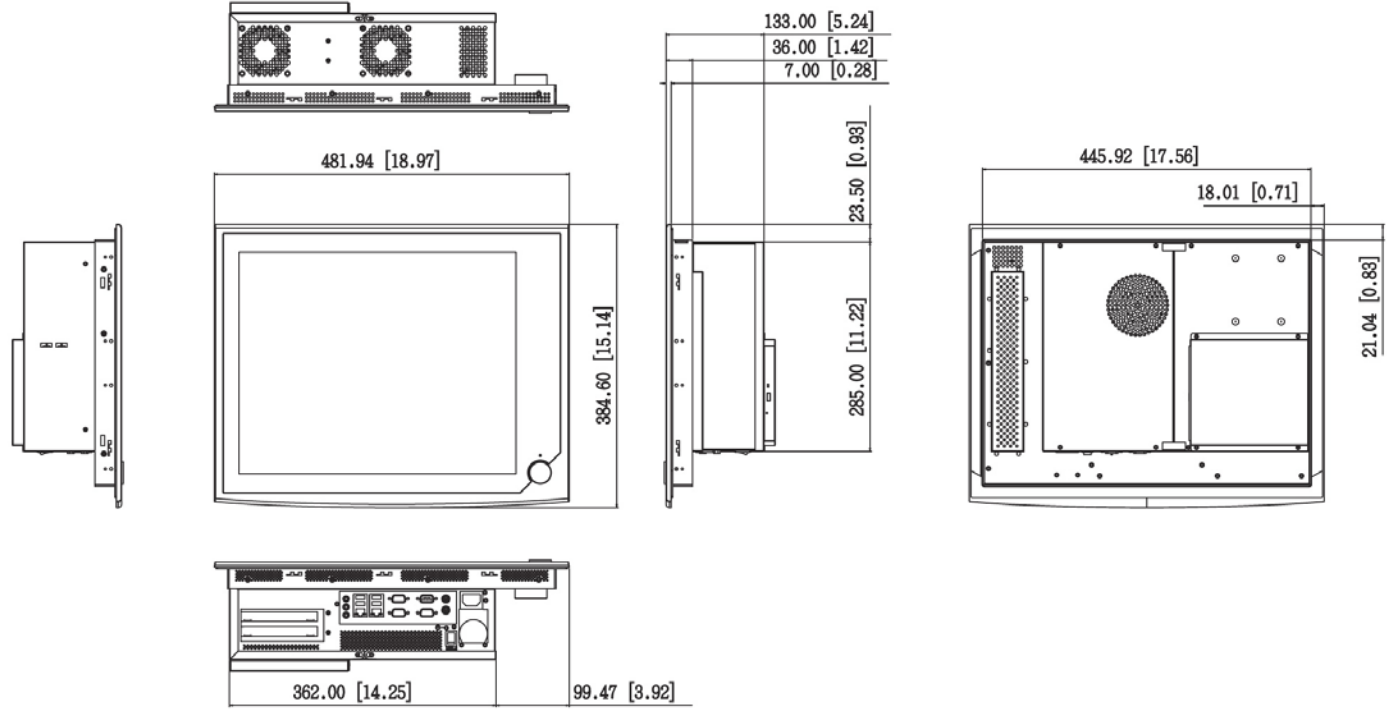
- **Lifespan** 36 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s
- **Light** > 80%
- **Type** Analog resistive 5-wire

Environment

- **Humidity** 5 ~ 85% @ 40°C (non-condensing)
- **Ingress** Front panel: NEMA4/IP65
- **Operating** 0 ~ 50°C (32 ~ 122°F)
- **Storage** -20 ~ 60°C (-4 ~ 140°F)
- **Vibration** 5 ~ 500 Hz, 1 Grms random vibration

Mechanical Drawing

Unit: mm

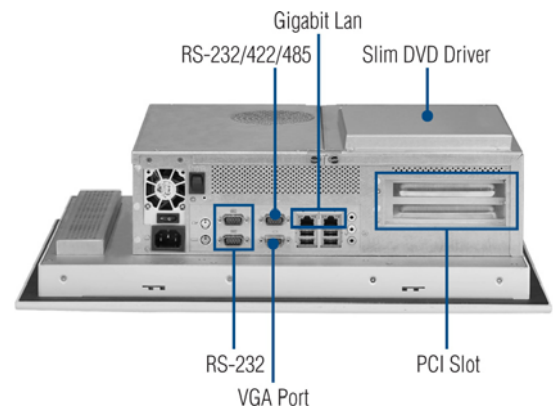


Panel Cut-out Dimensions: 454 x 338 mm

Accessories

- JPC1900C2D Rack mount Kit
- Power Cable US Plug 1.8 M
- Power Cable EU Plug 1.8 M
- Power Cable UK Plug 1.8 M
- Power Cable China/Australia Plug 1.8 M

I/O View



Front Accessible USB Port

