

IPPC 1650P

15.6" TFT HD 16:9 Heavy Industrial Panel PC
with Intel® Celeron® J3455 Processor, 1.50GHz,
Multi-Touch Screen, 4GB DDR3L, 4 x USB, 3 x COM



Main Features

- Intel® Celeron® J3455 processors, 1.50GHz
- Metal housing with robust aluminum front zero bezel for harsh environment
- 10 points P-Cap multi-touch with zero bezel flush front design
- Dual GbE/Dual DisplayPort/Dual USB 3.0 & USB 2.0
- 1 x mini-PCIe sockets, 1 x M.2, 1 x RS232/422/485
- DDR3L 4GB/2.5" HDD bracket
- IP66 compliant front panel
- Mounting support: panel/wall/stand/VESA 100mm x 100mm
- DC power input 24VDC

Product Overview

The 15.6" fanless panel PC IPPC 1650P incorporating an industrial motherboard is intended for versatile industrial applications. The panel PC has a touch screen LED backlight LCD panel with 1366 x 768 (FWXGA) resolution. The front panel which adopts flush design and complies with IP66 standard makes it the perfect fit in industrial applications.

The IPPC 1650P supports WLAN expansion and others via dual Gigabit Ethernet connectors, one mini-PCIe slot and one M.2 slot. With support for DC power input of 24VDC, IPPC 1650P can gain a strong foothold in industrial field and machine devices. In addition, IPPC 1650P can hook 2nd display via a DisplayPort for dual independent display. IPPC 1650P has one adjustable RS232/422/485 ports.

Specifications

Panel

- LCD size: 15.6", 16:9
- Resolution: FWXGA 1366 x 768
- Luminance: 400cd/m²
- Contrast ratio: 500
- LCD color: 16.7M
- Viewing angle: 80 (U), 80 (D), 85 (L), 85 (R)
- Backlight: LED

Touch

- Ten points P-Cap (projected capacitive touch)
- Touch light transmission: 87%
- Anti-scratch surface: 7H hardness
- Touch interface: USB

System

- CPU: onboard Intel® Celeron® J3455 Quad Core processor, 1.50GHz
- BIOS: AMI BIOS
- System memory: 1 x 204-pin DDR3L SO-DIMM socket, 4GB DDR3L (default), support up to 8GB DDR3L-1866, non-ECC and un-buffered

- Storage device:
 - 1 x Internal M.2 2242
 - 1 x Hard drive bay: optional 1 x 2.5" SATA HDD
- Watchdog timer: Watchdog timeout can be programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (tolerance 15% under room temperature 25°C)
- Expansion: 1 x mini-PCIe sockets (support optional Wi-Fi module)
- Front LED indicator to show operating status

Rear I/O

- Ethernet: 2 x RJ45
- Display: 2 x DP1.2
- USB: 2 x USB 2.0, 2 x USB 3.0
- LED indicator: Power/HDD/ GPIO programmable LED
- Power button
- COM #3: RS232/422/485
- COM #1&2: RS232

Ethernet

- LAN chip: dual Intel® I210-IT Gigabit LAN
- Ethernet interface: 10/100/1000 based-Tx Ethernet compatible

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660