



**Features**

- 4:3 15" Fanless LED Panel Computer
- Intel® Celeron® J1900, Quad Core, Low Power Consumption CPU
- Flush Panel by 5-wire Touch Screen
- Dual GbE/ 2nd display-VGA/ Line-out/PS2 KB/MS
- USB x 3/ 2 x mini-PCIe sockets/ 1 x Cfast / 2 x RS232/ 422/ 485 COM ports
- DDR3L 4GB / 2.5" HDD Bracket
- IP65 Compliant Front Panel
- Mounting Support: Panel/ Wall/ Stand/ VESA 100mm x 100mm
- Wide Range Power Input 12V~ 30V DC

**Overview**

The 15" fanless Panel PC PPC1508 incorporating an industrial motherboard is intended for versatile industrial applications. The Panel PC has a touch screen LED backlight LCD panel with 1024 x 768 (XGA) resolution and 400-nit brightness. The front panel has a flush design and complies with IP65 standards, a perfect fit for industrial applications.

The PPC1508 supports WWAN/WLAN expansion, has on-board Dual Gigabit Ethernet connectors, two Mini-PCIe slots and one SIM card holder. With support for a wide power input of 12V~30V DC, the PPC1508 is the ideal solution for industrial field and machine device applications. In addition you can connect a 2nd display via the on-board VGA port header for dual independent displays. The PPC1508 also has two isolated RS232/422/485 ports

**Specification**

<b>Panel</b>	LED Size: 15", 4:3 Resolution: XGA 1024x768 Luminance: 450cd/m <sup>2</sup> Contrast ratio: 800 LCD colour: 16.2M Viewing Angle: 70 (U), 80(D), 80(L), 80(R) Backlight: LED
<b>Touch</b>	5-wire resistive (flush panel type) Light transmission: 81% Interface: USB
<b>System</b>	CPU: On-board Intel® Celeron® Quad Core J1900 processor, 2.0GHz Base frequency Quad Core. Up to 2.42GHz Single Core, 2M L2 Cache BIOS: AMI BIOS System memory: 2x 204-pin DDR3L SO-DIMM socket, 4GB DDR3L (Default), Supports up to 8GB DDR3L-800/1066, Non-ECC and Un-buffered Storage Device: - 1x external locked CFast socket - 1x hard drive bay: optional 1x 2.5" SATA HDD or 1x SATA DOM Watchdog timer: Watchdog timeout is programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (Tolerance 15% under room temperature 25°C) H/W status monitor: Monitoring system temperature and voltage Expansion: 2x Mini-PCIe sockets (support optional WiFi or 3.5G module)
<b>Rear I/O</b>	Ethernet: 2 x RJ45 2nd display VGA port: 1 x DB15 Audio port: 1 x Line out USB: 2 x USB 2.0, 1 x USB 3.0 PS2 keyboard/ mouse Power switch Reset button 2-pin remote Power On/Off switch COM #1: RS232/422/485 with 2.5kv isolated COM #2: RS232/422/485 with 2.5kv isolated
<b>Audio</b>	HD Audio codec: Realtek ALC886-GR Audio interface: Line out
<b>Ethernet</b>	LAN chip: dual Intel® I210AT Gigabit LAN Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible

**Mechanical & Environment**

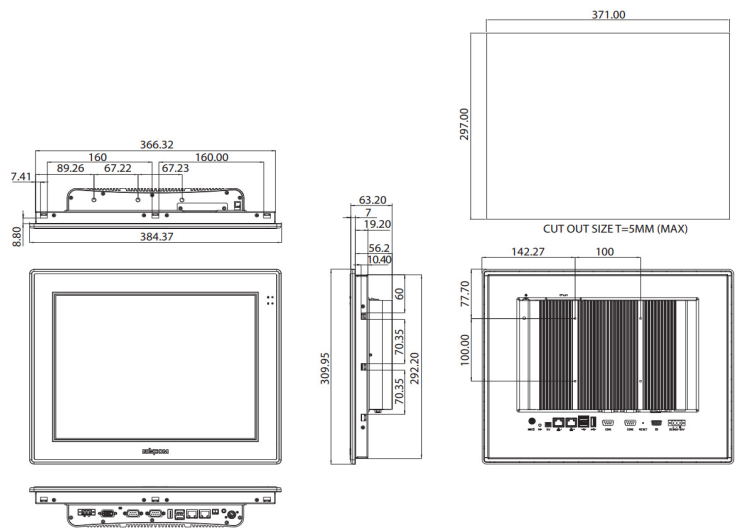
Colour: pantone black\RAL 15 00 front bezel w/ Pantone 400C\RAL 090 80 10 metal style membrane  
IP protection: IP65 front  
Mounting: panel/ wall/ stand/ VESA 100mm x 100mm  
Power input: 12V~ 30V DC  
Power adapter: Optional AC to DC power adaptor (+12V, 60W)  
Vibration:  
IEC 68 2-64 (w/ HDD)  
- 1Grms @sine, 5~500Hz, 1hr/axis (HDD Operating)  
- 2Grms @sine, 5~500Hz, 1hr/axis (CFast Operating)  
- 2.2Grms @ random condition, 5~500Hz, 0.5hr/axis (Non-operating)Shock:  
- IEC 68 2-27  
- HDD: 20G@wall mount, half sine, 11ms  
Operating temperature: -5°C to 60°C  
Storage temperature: -20°C to 75°C  
Operating humidity: 10%~90% relative humidity, non-condensing Limits to be at 90% RH at max 50°C  
Dimension: 384.37 x 309.95 x 63.2 mm  
Weight: 5.1 Kg

**Certifications**

CE approval  
FCC Class A

**OS Support Lists**

Windows 8 32bit/64bit  
Windows 7 32bit/64bit  
WinCE 7.0



All systems are fully configured & integrated to our customer's specifications including:

- Memory
- HDD/SSD
- Operating System
- Application Software
- PCI/PCIe card Installation

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