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RPC-2153 Rugged 15" Panel PC

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PPC 2153 YOUViewcinc-com/sites/default/files/PPC-2153%20IO-web-opt.png

15" Rugged Fanless Touch Panel Computer With Onboard Intel® Atom<sup>TM</sup> D2550 Processor, 2 GB RAM

Intel® Atom<sup>TM</sup> D2550 Processor, Fanless Cooling System

up to 4 GB RAM

2x RS-232, 1x RS-232/422/485

4x USB 2.0 Ports (2 Front & 2 on Rear)

2x 10/100/1000Base-TX with RJ-45

2.5 Inch SATA Hard Disk Drive / CFast<sup>TM</sup> Slot (Internal)

1x VGA

Display type: 15" TFT-LCD

Max. Resolution: 1024 x 768

Max. Colors: 16.7M colors

Luminance: HTT: 400 cd/m2, STT: 800 cd/m2

Viewing Angle: 160°(H)/ 140°(V)

Back Light: LED

Back Light: MTBF (Hours) HTT: 50,000, STT: 100,000

Type: 5-wire resistive Touch Screen

Light Transmission: 80%

Life Time: 10 Million Touches

1x Mini-Card

AMI BIOS

Power Requirements: 9 ~ 30V DC Input

Operating Temperature:  $-4^{\circ}F \sim 149^{\circ}F$  ( $-20^{\circ}C \sim 65^{\circ}C$ ) w/ Airflow,  $-4^{\circ}F \sim 140^{\circ}F$  ( $-20^{\circ}C \sim 60^{\circ}C$ ) w/o Airflow

Storage Humidity: 10%~95% @ 40°C; non-condensing

Wide Operation Temperature: -20?C ~ 60?C 18.96 lb (8.62 Kg) Dimensions: 15.35" x 12.74" x 3.08" (389.98mm x 323.48mm x 78.3mm) PPC-2153 operator panel is an Intel® Atom<sup>TM</sup> D2550 1.86 GHz processor computer that is designed to serve as a human machine interface (HMI). It is a PC-based system with 15" color TFT LCD display, onboard Ethernet controller, multi-COM port interfaces and an audio controller. With a built-in CompactFlash socket, the AHP-2153 is as compact and user friendly as a multi-function computer. In addition, its "fit anywhere" design makes it very flexible and able to be used in many different kinds of installations. It can be VESA 100 wall mounted. For system integrators, this simple, complete, compact and highly integrated system let you easily build an operator panel into your applications. Common industrial applications include factory automation systems, precision machinery, and production process control. It is also suitable for many non-industrial applications, including vending machine, and car park automation. Our operator panel is a reliable, cost affactive solution to your application's processing requirements. Specifications Paner 1 C 1 ype. Erologad DDC Processor Processor. Intel® Dual Core<sup>TM</sup> Atom<sup>TM</sup> D2550 Onboard Clock Speed: 1.86 GHz Real Time Clock: Memory Bios/ boolloader: AMI BIOS Primary Flash: **CFAST** Secondary Flash: 1x 2.5 inch SATA HDD/SSD or DOM Primary I/O 1x VGA Ethernet: 2x 10/100/1000Base-TX with RJ-45 USB:

4x USB 2.0 Ports (2 Front & 2 on Rear)

Serial Ports: 2x RS-232

Watchdog:

Keypad: PS/2: Touch:

Expansion
Bus.

1x Mini-Card

Analog Aص

**Dimensions** 

D/A:

1x RS-232/422/485

Secondary I/O

5-wire Resistive Touch Screen

Dimensions: 15.35" x 12.74" x 3.08" (389,98mm x 323,48mm x 78.3mm)  Power Requirements  9 - 30V DC input  Linvironmental Linvi	18.96 lb
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9 – 30V DC input  Lanvironmental Law operating remperature: 20 C High Operating Temperature: 65 C Upper Operating Humidity: 95% Environmental Misc: Operating Temperature: 4°F – 149°F (-20°C – 65°C) w/ Airflow  4°F ~ 140°F (-20°C – 66°C) w/o Airflow  Storage Temperature -4°F – 158°F (-20°C – 70°C)  Pricing ariations: PPC-2153HTT-A2-1012 15° Touch Screen PPC D2550.2G RAM,-20-60C, 3 pin.9-30V DC.R-TS.B3 Sl. 362.00 Order: 0 Parent Product:  DPC-2153KTT-A2-1012 15° Touch Screen PPC, 800 nits.D2550.2G RAM,-20-60C.3 pin.9-30V DC.R-TS.B3 Sl. 341.00 Order: 0 Parent Product: Disk Interface:	Dimensions: 15.35" x 12.74" x 3.08" (389.98mm x 323.48mm x 78.3mm)
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	Disk Interface:  2.5 Inch SATA Hard Disk Drive / CFast <sup>TM</sup> Slot (Internal)

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Dimensions:

Weight:

 $15.35 \times 12.74 \times 3.08$  in