



DisplayPac-RPP10

10.4" Ruggedized Panel PC

Features

- Ultra Low Power, High Performance Fanless Design
- Intel® processor
 - Atom N270 1.6 GHz CPU
- High quality 10.4" 800x600 Panel
- Full IP65 Dust/water resistant Protection (excluding I/O parts)
- Aluminum Housing with Anti-Corrosion Treatments
- Tested to MIL-STD-810F & IEC60068-2-27 shock and vibration
- Optional Resistive Touchscreen
- Optional Anti-Reflection Protective Glass
- Optional 802.11b/g Wireless LAN with Antenna
- Optional Wide Range 8 to 36V DC Input

Specifications

Display

- 10.4" 800x600

Pixel Pitch (HxV)

- 0.264 mm x 0.264 mm

Contrast Ratio

- 500:1

Brightness

- 350 (typical)

Viewable Angle (CR \geq 10)

- -70° to +70° X-axis; -65° to 55° Y-axis

Active Display Area (HxV)

- 211.2 x 158.4 mm

Colors

- 16.2M (8 bits/color)

CPU

- Atom N270 1.6 GHz

BIOS AMI

- 4Mbit Flash

System Chipset

- Intel® 945GSE / ICH7M

System Memory

- 1x SODIMM, up to 2 GB DDR2 4007/533

LAN Controller

- Dual Realtek RTL8111B GigaLAN

Expansion Slot

- 1x Mini PCI
- 1x CF

I/O Connectors (Back Panel I/O)

- 2x RJ-45 (10/100 Mbps)
- 1x PS/2
- 1x VGA (DB15)
- 1x DC-in Jack (lockable)
- 2x USB 2.0
- 1x RS-232/422/485 (optional)

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Specifications Continued

Storage

- 2.5" 80 GB HDD

Front LED Indicator

- Power On/Off
- HDD status

Front Control Buttons

- Power On/Off
- Reset
- Brightness Up (up to 100%)
- Brightness Down (dim to 0%)

Power Input

- 12V DC with lockable connector

Power Consumption

- 25W (typical); 66W (100% brightness, 100% CPU)

Operating Temperature

- -10° to +55° C

Operating Humidity

- 10% to 95% (non-condensing)

Dimensions (WxLxH)

- 277 mm x 219.5 mm x 59.7 mm

Enclosure

- IP65 dust/water proof enclosure (except I/O parts)
- Aluminum housing with anti-corrosion treatments

Shock

- Operating: 30g for 18ms, 300m/s² (when using SSD or industrial CompactFlash)

Vibration

- Operating: 1.60/1.96/2.18g rms for XYZ / 5-500 Hz (when using SSD or industrial CompactFlash)

Compliance

- FCC Class B, CE
- MIL-810F/IEC-60068-2-27 for Vibration/Shock

Options

Display Enhancement

- Transflective film enhancement

Touchscreen

- Resistive

Back Panel I/O Ports

- WLAN antenna SMA in top
- 1x RS-232/422/485

Giga LAN

- 10/100/1000 Mbps Giga LAN

WLAN

- 1x Mini PCI base Wireless LAN card with SMA antenna

Wide Power Input Range

- 8V to 36V DC

Storage

- 2.5" Automobile 40G HDD
- 2.5" 4G Flash Disk (SSD)
- 4G Industrial CompactFlash card

Terminal Block

- Pluggable 3-pin terminal block power input

Mounting

- 1x robust bracket with locking handle (Adjustable from -5° to +90°)

O/S

- Windows® XPE, XP, CE 6.0
- Linux 2.6.11

About Computer Dynamics

Computer Dynamics (A GE Intelligent Platforms Company) is a leading global provider of flat panel display solutions for a wide range of industries and applications. Our comprehensive product offering includes open-frame, enclosed, and environmentally sealed flat panel display systems in both computer and monitor configurations. The company is headquartered in the U.S. and is a part of GE Intelligent Platforms. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and 24/7 support to deliver what you need. For more information, visit www.codynamics.com.

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04.10 GFA-1316