



DisplayPac-RPP8

8.4" Fanless, Rugged Panel PC

Features

- Ultra Low Power, High Performance Fanless Design
- Intel® processor
 - Atom N270 1.6 GHz CPU
- High Quality 8.4" 800x600 Panel
- Full IP65 Dust/water resistant Protection (excluding I/O parts)
- Aluminum Housing with Anti-Corrosion Treatment
- Tested to MIL-STD-810F & IEC60068-2-27 for shock & 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

- 8.4" 800x600 TFT
- Pixel Pitch (HxV)
 - 0.213 mm x 0.213 mm

Contrast Ratio

- 250:1

Brightness

- 350 (typical)

Viewable Angle (CR>=10)

- -60° to +60° X-axis; -40° to 60° Y-axis

Active Display Area (HxV)

- 170.4 x 127.8 mm

Colors

- 262,144 (6 bits/color)

CPU

- Atom N270 1.6 GHz

BIOS AMI

- 4 Mbit Flash

Chipset

- Intel 945GSE / ICH7M

Memory

- 1x SODIMM, up to 2 GB DDR2 400/533

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 (DB-15)
- 1x DC-in Jack (lockable)
- 2x USB 2.0
- 1x RS-232/422/485 (optional)

DisplayPac-RPP8 Fanless, Rugged Panel PC

Specifications continued

Front Controls

- Control Buttons
 - Power On/Off
 - Reset
 - Brightness Up
 - Brightness Down
- LED Indicator
 - Power On/Off
 - HDD Status

Power Input

- 12V DC with lockable connector

Power Consumption

- 50.5W (100% brightness, 100% CPU)

Dimension (WxLxH)

- 10.91" x 8.64" x 2.35"
- 277 mm x 219.5 mm x 59.7 mm

Operating Temperature

- -10° C to +55° C

Operating Humidity

- 10% to 95% (non condensing)

Shock

- Operating: 30g for 18ms, 300 m/s²
(industrial CompactFlash card required)

Vibration

- Operating: 1.60 / 1.96 / 2.18 g rms for XYZ / 5-500 Hz (industrial CompactFlash card required)

Certifications

- CE, FCC Class B
- IP65 (excluding I/O ports)
- MIL-STD-810F / IEC60068-2-27 for:
 - Vibration
 - Shock

Options

Touchscreen

- Resistive

Wireless

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

I/O Connectors (Back Panel I/O)

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

Mounting

- 1x robust bracket with locking handle, adjustable from -5° to +90°

Storage

- 4 GB Industrial Compact Flash card

Anti-Reflective Glass

- 3mm Anti-reflective Protection Glass (w/o touchscreen)

Wide Power Input Range

- 8V to 36V acceptance range

Terminal Block

- Pluggable 3-pin terminal block power input

Operating Systems

- Windows® XP, XPE, 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.cdynamics.com.

Computer Dynamics Contact Information

Americas: 1 864 627 8800

Additional contact information available on our web site at www.cdynamics.com/contact.asp

www.cdynamics.com