



DisplayPac-ATOM-WN

Low Cost, Low Power Flat Panel Computer Solution Based on ATOM N270 Processor

The DisplayPac-ATOM-WN series of Panel PCs are an excellent low cost solution to Industrial Computing needs. The platform offers flat panels ranging from 10.4" to 19" and come with a touchscreen. Systems can be configured either with a panel mount plate or with a stand-alone chassis and the display can be made sunlight readable.

Display Specifications

Display

- 10.4" 800x600
- 12.1" 800x600
- 15" 1024x768
- 17" 1280x1024
- 19" 1280x1024

Colors

- 10.4" 16.2M (8 bits/color)
- 12.1" 16.2M (8 bits/color)
- 15" 16.2M (6 bits/color + FRC)
- 17" 16.7M (6 bits/color + FRC)
- 19" 16.7M (8 bits/color)

Brightness

- 10.4" 350 nit
- 12.1" 400 nit
- 15" 250 nit
- 17" 300 nit
- 19" 300 nit

Contrast Ratio

- 10.4" 500:1
- 12.1" 500:1
- 15" 500:1
- 17" 800:1
- 19" 800:1

Viewing Angle

- 10.4" -70° to +70° (H); -65° to +55° (V)
- 12.1" -70° to +70° (H); -50° to +60° (V)
- 15" -70° to +70° (H); -60° to +60° (V)
- 17" -80° to +80° (H); -80° to +80° (V)
- 19" -80° to +80° (H); -80° to +80° (V)

Touchscreen Specification

Touchscreen

- 5-wire Resistive

DisplayPac-ATOM-WN Low Cost, Low Power Flat Panel Computer Solution

System Specifications

CPU

- Intel® ATOM N270 1.6 GHz

BIOS

- AMI 4M bit

Chipset

- Intel 945GSE/ICH7M

Memory Slot

- 2 GB DDR2

IDE

- 1x 44-pin IDE (UDMA100)

Keyboard/Mouse

- 2x PS/2

Media

- 10.4" & 12.1" 80 GB 2.5" HDD
- 15" & larger 160 GB 3.5" HDD

Ethernet

- 2x Gigabit Ethernet

VGA

- 1x VGA Connector

Audio

- Realtek ALC203 AC97 Chipset

USB

- 8x USB 2.0 (4x on back)

Serial

- 3x RS-232 (2x on back)
- 1x RS-232/422/485 (on back)

Power Consumption (@ 12V) maximum brightness and 100% CPU load

- 10.4" 37W
- 12.1" 38W
- 15" 39W
- 17" 70W
- 19" 70W

Power Input

- DC in (12V)

Power Supply

- 110 to 230V AC In

Construction

- Panel Mount

Certifications

- CE, FCC, RoHS

Environmental

- 0° to 45°C operating temperature
- 30% to 90%, operating humidity non-condensing

Options

Mechanical

- Chassis, stand-alone
- Open Frame
- IP65, 10 mm
- Panel Mount, 5 mm

Display

- -TR (Transflective); not available on all displays

Expansion slot

- 1x Mini PCI

Media

- Solid State drive
- Compact Flash

Operating System

- Windows® XP Pro for Embedded Systems

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.

Computer Dynamics Contact Information

Americas: 1 864 627 8800

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

www.codynamics.com

**Computer
DYNAMICS**

A GE Intelligent Platforms Company

©2010 Computer Dynamics. All Rights Reserved. All other brands or names are property of their respective holders. Specifications are subject to change without notice.

09.10 GFA-1312