



DisplayPac-D2550-PCAP

Flat Panel Computer Solution Based on ATOM D2550 Processor with Multi-Touch

The DisplayPac-D2550-WN-PCAP series of Panel PCs are an excellent solution for Industrial Computing Applications that need Multi-Touch. The platform offers flat panels ranging from 10.4" to 22" and come with a projected capacitive touchscreen. Systems come standard with a panel mount plate. The ATOM D2550 processor is a Dual Core processor running at 1.86GHz.

Display Specifications

Display

- 10.4" 800x600
- 15" 1024x768
- 19" 1280x1024
- 21.5" 1920x1080

Colors

- 10.4" 16.2M (8 bits/color)
- 15" 16.2M (6 bits/color + FRC)
- 19" 16.7M (8 bits/color)
- 21.5" 16.7M (8 bits/color)

Brightness

- 10.4" 350 nit
- 15" 250 nit
- 19" 300 nit
- 21.5" 250 nit

Contrast Ratio

- 10.4" 500:1
- 15" 500:1
- 19" 800:1
- 21.5" 1000:1

Viewing Angle

- 10.4" -70° to +70° (H); -55° to +65° (V)
- 15" -70° to +70° (H); -60° to +60° (V)
- 19" -80° to +80° (H); -80° to +80° (V)
- 21.5" -85° to +85° (H); -80° to +80° (V)

Touchscreen Specification

Touchscreen

- Projected Capacitive

Computer DYNAMICS

DisplayPac-D2550-PCAP Low Cost, Low Power Flat Panel Computer Solution

System Specifications

CPU

- Intel® ATOM Dual Core D2550 1.86 GHz

BIOS

- AMI 16M bit

Chipset

- Intel® NM10

Memory Slot

- 2 GB DDR3 (Max 4GB)

Hard Drive

- 32GB mSATA SSD

Keyboard/Mouse

- 2x PS/2

Media

- 80 GB SATA-II 2.5" HDD

Ethernet

- 2x Gigabit Ethernet

VGA

- 1x VGA Connector

Audio

- Realtek ALC886 HD Audio Codec

USB

- 4x USB 2.0

Serial

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

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

- 60W max, 15W typical

Power Input

- DC in (12V)

Power Supply

- 110 to 230V AC In

Construction

- IP65 Panel Mount

Certifications

- CE, FCC, RoHS

Environmental

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

Options

Expansion slot

- 2x Mini PCIe

Operating System

- Windows® 7 Embedded Standard

About Computer Dynamics

Computer Dynamics (A CIMTEC Automation 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. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and support to deliver what you need. For more than 25 years, CIMTEC Automation has been providing automation solutions throughout the world that deliver value, performance, and innovation.

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