



## DisplayPac-N2930-WN

Low Cost, Low Power Flat Panel Computer Solution Based on Celeron N2930

The DisplayPac-N2930-WN series of Panel PCs are an excellent low cost solution to Industrial Computing needs. The platform offers flat panels ranging from 8" to 22" and come with a touchscreen. Systems can be configured either with a panel mount plate or open-frame and the display can be made sunlight readable. The Celeron N2930 processor is a Quad Core processor running at 1.83GHz.

### Display Specifications

#### Display

- 8.4" 800x600
- 10.4" 800x600
- 12.1" 800x600
- 15" 1024x768
- 17" 1280x1024
- 19" 1280x1024
- 21.5" 1920x1080

#### Colors

- 8.4" 16.2M (8 bits/color)
- 10.4" 16.2M (8 bits/color)
- 12.1" 262k (6 bits/color)
- 15" 16.2M (6 bits/color + FRC)
- 17" 16.7M (6 bits/color + FRC)
- 19" 16.7M (8 bits/color)
- 21.5" 16.7M (8 bits/color)

#### Brightness

- 8.4" 400 nit
- 10.4" 350 nit
- 12.1" 400 nit
- 15" 250 nit
- 17" 300 nit
- 19" 300 nit
- 21.5" 250 nit

#### Contrast Ratio

- 8.4" 600:1
- 10.4" 500:1
- 12.1" 600:1
- 15" 500:1
- 17" 800:1
- 19" 800:1
- 21.5" 1000:1

#### Viewing Angle

- 8.4" -75° to +75° (H); -60° to +70° (V)
- 10.4" -70° to +70° (H); -55° to +65° (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)
- 21.5" -85° to +85° (H); -80° to +80° (V)

### Touchscreen Specification

#### Touchscreen

- 5-wire Resistive

## DisplayPac-N2930-WN Low Cost, Low Power Flat Panel Computer Solution

### System Specifications

#### CPU

- Intel® Celeron N2930 Quad Core 1.83GHz

#### BIOS

- AMI 16M bit

#### Chipset

- Intel® ATOM SoC Integrated

#### Memory Slot

- (1) 4 GB DDR3 (Max 8GB)

#### Hard Drive

- SATA-II 2.5" Hard Drive

#### Keyboard/Mouse

- 2x PS/2

#### Media

- 250 GB SATA-II 2.5" HDD

#### Ethernet

- 2x Gigabit Ethernet

#### VGA

- 1x VGA Connector

#### Audio

- Realtek ALC886 HD Audio Codec

#### USB

- 1x USB 3.0
- 3x USB 2.0

#### Serial

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

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

- 43W max, 15W typical

#### Power Input

- DC in (12V)

#### Power Supply

- 100 to 240V 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

- Open Frame
- IP65, 10 mm
- Panel Mount, 5 mm

#### Display

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

#### Expansion slot

- 2x Mini PCIe

#### Media

- Solid State drive

#### Operating System

- Windows® 7 Pro for Embedded Systems
- Windows® 8 for Embedded Systems

### 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.

### Computer Dynamics Contact Information

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