



DisplayPac-i5-WN

Competitively Priced, High Performance Flat Panel Computer Solution based on Intel® Core™ i5 Processors

The DisplayPac-i5-WN series of Panel PCs are an excellent performance solution for Industrial Computing needs. The platform offers flat panels ranging from 15" to 21.5" and come with a touchscreen. The systems can be configured either with a panel-mount plate or with a stand-alone chassis. Additionally, the displays can be made sunlight readable.

Display Specifications

Display

- 10.4" 800x600 (SVGA)
- 10.4" 1024x768 (XGA)
- 12.1" 800x600 (SVGA)
- 12.1" 1024x768 (XGA)
- 15" 1024x768
- 17" 1280x1024
- 19" 1280x1024
- 21.5" 1920x1080
- 24" 1920x1080

Colors

- 10.4" SVGA 16.2M (8 bits/color)
- 10.4" XGA 16.2M (8 bits/color)
- 12.1" SVGA 16.2M (6 bits/color)
- 12.1" XGA 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)
- 21.5" 16.7M (8 bits/color)
- 24" 16.7M (8 bits/color)

Brightness

- 10.4" SVGA 400 nit
- 10.4" XGA 350 nit
- 12.1" SVGA 400 nit
- 12.1" XGA 500 nit
- 15" 250 nit
- 17" 300 nit
- 19" 400 nit
- 21.5" 250nit
- 24" 250 nit

Contrast Ratio

- 10.4" SVGA 500:1
- 10.4" XGA 1200:1
- 12.1" SVGA 500:1
- 12.1" XGA 700:1
- 15" 500:1
- 17" 800:1
- 19" 1000:1
- 21.5" 1000:1
- 24" 5000:1

Viewing Angle

- 10.4" SVGA +/-70° (H); -55° to +65° (V)
- 10.4" XGA +/-88° (H); +/-88° (V)
- 12.1" SVGA +/-70° (H); -50° to +60° (V)
- 12.1" XGA +/-80° (H); +/-70° (V)
- 15" +/-70° (H); +/-60° (V)
- 17" +/-85° (H); +/-80° (V)
- 19" +/-85° (H); +/-80° (V)
- 21.5" +/-85° (H); +/-80° (V)
- 24" +/-89° (H); +/-89° (V)

Touchscreen Specification

Touchscreen

- 5-wire Resistive

Computer DYNAMICS

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System Specifications

CPU <ul style="list-style-type: none">• 3rd Generation Core i5 Processor• 1333/1600 MHz Front Side Bus	Serial <ul style="list-style-type: none">• 2x RS-232• 1x RS-232/422/485	Environmental <ul style="list-style-type: none">• 0° to 50°C operating temperature• 30% to 90%, operating humidity non-condensing• Shock: 15G, 11ms• Vibration: 5 Hz ~ 500 Hz / 1 Grms
BIOS <ul style="list-style-type: none">• AMI BIOS	Power Input <ul style="list-style-type: none">• DC in (12V)	Options
Chipset <ul style="list-style-type: none">• Intel® HM76	Power Consumption (@ 12V) maximum brightness and 100% CPU load <ul style="list-style-type: none">• 10.4" 87W• 12.1" 87W• 15" 87W• 17" 95W• 19" 96W• 21.5" 98W• 24" 100W	Touchscreen <ul style="list-style-type: none">• Projected Capacitive (Supports MultiTouch)
Memory Slot <ul style="list-style-type: none">• 2x DDR3 (16GB Max)	Power Supply <ul style="list-style-type: none">• Universal AC (external brick)	Mechanical <ul style="list-style-type: none">• Chassis
SATA <ul style="list-style-type: none">• 1x SATA II• 1x SATA III	Construction <ul style="list-style-type: none">• Panel Mount	Bezel <ul style="list-style-type: none">• IP65
Media <ul style="list-style-type: none">• 160 GB 2.5" HDD• Larger capacities available	Certifications <ul style="list-style-type: none">• CE, FCC, RoHS	Display <ul style="list-style-type: none">• -HB (Hi-Brite)
Keyboard/Mouse <ul style="list-style-type: none">• 2x PS/2		Expansion Slot <ul style="list-style-type: none">• 2x Mini PCIe• 1x PCI
VGA <ul style="list-style-type: none">• 1x VGA Connector		Media <ul style="list-style-type: none">• Solid State Drive• CompactFlash
Audio <ul style="list-style-type: none">• 1 x Audio		O/S <ul style="list-style-type: none">• Windows® XP Pro for Embedded Systems• Windows® 7 Pro• Windows® 10 IoT Enterprise
USB <ul style="list-style-type: none">• 4x USB 3.0		
Ethernet <ul style="list-style-type: none">• Dual Broadcom BCM57780 PCIe GbE LAN		

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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