



## DisplayPac-OP-12

12.1" NEMA 12 Panel-Mount Computer with FCC, CE, and UL Approvals

Intended for all applications requiring high reliability in a small package, the DisplayPac-OP industrial computer features a choice of computing engines up to 1.26 GHz, 12.1" color active matrix TFT display, touchscreen, hard drive, floppy, CD-ROM, two PCI expansion slots (one shared ISA) and an internal power supply in a heavy-duty steel enclosure. It is FCC, CE, and UL approved and rated to operate from 0° to +40° C at 10 - 90% humidity.

**Computer  
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# DisplayPac-OP-12 Specifications

## Display Specification

- Display 12.1" 800x600 AMTFT, 340 nit

## Touchscreen Specification

- Type 5-wire resistive, serial

## Computer Specifications

- CPU Socket 370 Intel Tualatin up to 1.26 GHz, Pentium III 66/100/133 up to 1 GHz, Celeron 66/100 up to 1.2 GHz
- Memory One 168-pin DIMM socket, SDRAM up to 512 MB
- Display Integrated VGA/LCD controller, 2D/3D GUI engine, 4X AGP, video memory up to 64 MB (sharing system memory)
- Dual display VGA and RCA TV-out ports supporting Windows® O/S, mirroring and multiple dual display modes
- Ethernet 10/100BaseT
- Audio AC'97 Audio Codec (Line-in, Line-out, and MIC-in)
- VGA port One VGA interface
- USB ports Up to four USB ports
- Parallel port One supporting SPP/EPP/ECP
- Serial ports Four ports (3x RS-232, 1x RS-232/485); COM3 used for touchscreen
- Floppy One external interface with DC power
- Keyboard/mouse One PS/2 keyboard, one PS/2 mouse
- Digital I/O Two input, two output with one RJ-12 phone jack
- Watchdog timer 64 time intervals
- Expansion slots One PCI and one PCI/ISA shared
- Front bezel Aluminum bezel (black or silver) standard

## Peripheral & Storage Specifications

- Power supply 150W ATX (200W P4); input range 100 - 230 VAC @ 47 - 63 Hz
- Storage devices 3.5" IDE hard drive, one slim-type CD-ROM, one floppy drive

## Mechanical & Environmental Specifications

- Construction Heavy-duty steel; chassis color beige
- Mounting Panel mount with brackets
- Certifications FCC, CE, UL, NEMA 12
- Temperature
  - Operating 0° to +40° C
  - Storage 0° to +60° C
- Humidity 10 - 90% non-condensing
- Shock/Vibration 10G peak acceleration; 5 - 7 Hz, 0.1" double amplitude displacement 17 - 500 Hz, 1.5G acceleration peak to peak
- Dimensions (HxWxD) 12.68" x 14.49" x 4.25"  
322 mm x 368 mm x 108 mm

## Options

- Front bezel Small bezel, big bezel (steel, beige)
- Storage device CD-ROM-R/W (DVD-readable)
- Storage device DVD-R/W (not UL certified)
- Power supply DC 90W, 9 - 16V or 18 - 36V
- Flash drive Solid state memory; call for details
- Operating sys. Windows XP, XPE, Linux

## Ordering Information

- Part Number PAC-OP-12-<CPU-speed>-<Memory>-Options

## Computer Dynamics Information Centers

Americas:  
1 864 627 8800

Asia Pacific:  
86 10 6561 1561

Europe, Middle East and Africa:  
33 1 4324 6007

## Additional Resources

For more information, please visit the Computer Dynamics web site at:

[www.codynamics.com](http://www.codynamics.com)

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