

Product Specifications

DisplayPac-OP

12.1", 15", 17" NEMA 12 Panel-Mount Computers with FCC, CE & UL Approvals



Intended for all applications requiring high reliability in a small package, the DisplayPac-OP industrial computer features a choice of computing engine up to 2.8 GHz, choice of display size 12.1", 15" or 17" active matrix TFT LCD, resistive 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° - 50°C at 10 - 90% humidity.

Display Specification

- Display
 - 12.1" 800x600 AMTFT, 340 nit;
 - 15" 1024x768 AMTFT, 250 nit;
 - 17" 1280x1024 AMTFT, 250 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, Socket 478 Pentium 4 CPU up to 2.8 GHz (15" and 17" units only)
- Memory One 168-pin DIMM socket, SDRAM up to 512M
- Display Integrated VGA/LCD controller, 2D/3D GUI engine, 4X AGP, video memory up 64M (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
- Serial ports Four ports (3x RS-232, 1x RS-232/485); COM3 used for touchscreen
- Parallel port One supporting SPP/EPP/ECP
- Floppy One external interface with DC power (12.1" and 15" units)
- 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; two PCI (17")
- Front bezel Aluminum bezel (black or silver) standard; small bezel, big bezel (steel, beige) optional

Peripheral & Storage Specifications

- Powersupply 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
- Dimensions
 - 12.1" 14.37" x 11.57" x 4.07" (WxHxD)
365 mm x 294 mm x 103.5 mm
 - 15" 16.06" x 13.03" x 4.39"
408 mm x 331 mm x 111.5 mm
 - 17" 17.48" x 14.80" x 5.19"
444 mm x 376 mm x 130 mm
- Certifications FCC, CE, UL, NEMA 12
- Temperature
 - Operating 0° - 50°C
 - Storage -20° to 70°C
- Relative humidity 10 - 90% non-condensing
- Shock and vibration 10G peak acceleration; 5 - 7 Hz, 0.1" double amplitude displacement 17 - 500 Hz, 1.5G acceleration peak to peak

Options

- Storage device DVD, CD-ROM-R/W
- Powersupply DC 90W, 9 - 16V or 18 - 36V
- Flash drive Solid state memory; call for details
- Operating system Windows 2000, 9x, ME, NT, NTE, XP, XPE, Linux

Ordering Information

PAC-OP-<Display>-<CPU-speed>-<Memory>-Options
Specifications may change without notice due to component changes.