



DisplayPac-OPR-19

19" High Performance Flat Panel Computer

Features

- 19" TFT SXGA LCD
- Intel® Pentium® 4 up to 2.8 GHz
- Up to 1 GB memory
- Integrated VGA/LCD controller, 2D/3D GUI engine
- 10/100BaseT
- 2x PCI expansion slots
- Multiple I/O ports
- FCC, CE, NEMA 12, IP65 (front bezel), RoHS compliant

An expansion to the DisplayPac-OPR product line, the DisplayPac-OPR-19 is a panel mount flat panel computer with a large 19" active matrix display, touchscreen, multiple I/O ports, expansion slots, and RoHS compliance. The unit is easily configured to satisfy most industrial applications requiring high reliability in a small package.

The DisplayPac-OPR-19 offers an Intel® processor, resistive touchscreen, hard drive, floppy, CD-ROM/DVD-ROM, two PCI expansion slots, and an internal power supply in a heavy-duty steel enclosure. It carries FCC, CE, and IP65 front approvals, is RoHS compliant and operates from 0° to +40° C.

Display

- 19" 1280x1024 color AMTFT LCD
- 350 nits brightness

Touchscreen

- 5-wire Resistive

Processor

- Socket 478 Pentium® 4 up to 2.8 GHz

Memory

- One 184-pin DDR socket, up to 1 GB

Display

- Integrated VGA/LCD controller, 2D/3D GUI engine, video memory up to 64 MB (sharing system memory)

DisplayPac-OPR-19 - 19" High Performance Flat Panel Computer

System Specifications

Storage

- 1x IDE hard drive 3.5"
- 1x Slim CD-ROM
- 1x Floppy drive

Watchdog Timer

- 256-level intervals

Ethernet

- 10/100BaseT

Audio

- AC'97 Audio Codec (Line-in, Line-out, MIC-in)
- 4x USB 2.0 ports
- 4x Serial ports
 - 3x RS232
 - 1x RS-232/422/485)

I/O ports

- 1x PS/2 Keyboard, 1x PS/2 Mouse
- 1x Digital I/O (2 input; 2 output) with one RJ-11 phone jack
- 1x VGA interface
- 1x Parallel port supporting (SPP/EPP/ECP)

Expansion slots

- Two PCI

Mechanical

- Heavy duty steel
- Front bezel: aluminum (black or silver)
- Chassis color: white / black
- Panel mounted
- 13.6 kg; 29.98 lbs (bare bone)

Power supply

- ATX 180W, 100 to 240V AC @ 50 to 60 Hz

Environmental

- 0° to +40° C operating temperature
- 0° to +60° C storage temperature
- 10% to 90% non-condensing humidity
- FCC, CE, NEMA 12, IP65 front, RoHS

Operating System Compatibility

- Windows® 2000, XP

Dimensions (WxHxD)

- 20.63" x 17.66" x 4.17"
523.91 x 448.53 x 106 (mm)

Options

Storage

- CD-ROM-R/W (DVD-readable)
- Solid-state Flash drive memory (call for details)

Mechanical

- Front bezel: Big bezel, small bezel
 - Big: 20.63" x 17.66" x 4.10"
523.91 x 448.53 x 104.2 (mm)
 - Small: 19.03" x 16.07" x 4.10"
483.51 x 408.13 x 104.2 (mm)

Operating System

- Windows® XP

About Computer Dynamics

Computer Dynamics (A GE Intelligent Platforms 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. The company is headquartered in the U.S. and is a part of GE Intelligent Platforms. Whether you're looking for one of our standard products or a fully custom solution, Computer Dynamics has the breadth, experience and 24/7 support to deliver what you need. For more information, visit www.codynamics.com.

Computer Dynamics Contact Information

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