



# 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 High Performance 19" Flat Panel Computer

## 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 Fanuc 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 Fanuc Intelligent Platforms Embedded Systems. 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](http://www.codynamics.com).

## Computer Dynamics Information Centers

Americas:  
1 864 627 8800

Asia Pacific:  
+81 3 5544 3973

EMEA:  
Germany: +49 821 5034-0  
UK: + 44 1327 359444

## Additional Resources

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

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

**Computer  
DYNAMICS**

A GE Fanuc Company

©2008 Computer Dynamics. All Rights Reserved.  
All other brands or names are property of their respective holders. Specifications are subject to change without notice.

3.08 GFA-978