

2000 Bloomingdale Rd  
Units 245-250  
Glendale Heights, IL 60139

Tel: 630-893-1720  
FAX: 630-893-9991  
Web: [www.omnivisionusa.com](http://www.omnivisionusa.com)  
Email: [info@omnivisionusa.com](mailto:info@omnivisionusa.com)

## Industrial Panel PC

### TFT Color LCD Monitor

**15" Model - GT15PC4-xx series**

**17" Model - GT17PC4-xx series**

**19" Model - GT19PC4-xx series**



These industrial PC's come built into an active matrix TFT color LCD monitors.

### PC Specification:

- CPU (Processor) - VIA CX700M - 1 GHz
- Main memory - 512 MB DDR2
- Hard drive - 80 GB
- BIOS - Award 512 KB Flash BIOS
- VGA - AGP 4X VGA/LCD interface, 2D/3D Graphics with MPEG4 and WMV9 decoding accelerator
  - DVI resolution up to UXGA1600 x 1200
  - LVDS - dual channel 18/24 bit LVDS
- Audio - AC97 CODEC, VIA VT1708A supports 5.1-CH Audio
- LAN - Realtek RTL8101L, 10/100/1000 Base-T Gigabit Ethernet interface
- Keyboard & Mouse - PS/2 keyboard and mouse
- On-Board IDE - Enhanced IDE interface, 44-pin box header x 1
- Peripherals -
  1. USB V2.0 ports x2
  2. Serial port x1
  3. Audio (Mic-In, Line-In)
  4. Type I/II CF Slot
  5. Mini PCI Slot
- Operating Systems - Standard Windows XP (Home Edition) Also, suitable for - Windows CE.NET, Windows XP Embedded, Linux, Windows 98, and Windows 2000

### Display Specification:

LCD Size	15"	17"	19"
Viewing Area	12.0" x 9.0"	13.3" x 10.6"	14.8" x 11.8"
Viewing Angle (degrees)	Horizontal +/- 80 Vertical +/- 80	Horizontal +/- 70 Vertical +/- 70	Horizontal +/- 70 Vertical +/- 70
Maximum resolution	1024 x 768	1280 x 1024	1280 x 1024
Displayed Colors	Full 16M	Full 16M	Full 16M
Brightness (NITS)	Full White 250	Full White 250	Full White 250
Contrast Ratio	Typically 300:1	Typically 450:1	Typically 500:1

### General Specification:

- Industrial light weight chassis with LCD protective panel, options stainless steel and NEMA
- Power input & consumption: 100-240 VAC (auto-sensing), 65 watts max
- Temperature - Operating from -10 to +60 degrees C  
Storage from -20 to +75 degrees C
- Touch screen 5-wire resistive with Serial RS232 or USB interface
- Compliance: UL, FCC, CE

## **Panel PC/LCD Monitor Series**

Series Model #                      Description

### **GT/PC 15" Series - 15" TFT color LCD, XGA (1024x768), 110-264 VAC industrial chassis**

500 MHz processor based, 512 MB DDR2, 80 GB hard drive,  
Windows XP (Home Edition)

GT15PC4-11 Black Bezel, protective panel  
GT15PC4-21 Stainless Steel Bezel, protective panel  
GT15PC4-12 Black Bezel, tempered glass, NEMA 4 rated  
GT15PC4-22 Stainless Steel Bezel, tempered glass, NEMA 4 rated  
GT15PC4-13 Black Bezel, resistive touch screen  
GT15PC4-23 Stainless Steel Bezel, resistive touch screen

### **GT/PC 17" Series**

#### **17" TFT color LCD, SXGA (1280x1024), 110-264 VAC industrial chassis**

500 MHz processor based, 512 MB DDR2, 80 GB hard drive,  
Windows XP (Home Edition)

GT17PC4-11 Black Bezel, protective panel  
GT17PC4-21 Stainless Steel Bezel, protective panel  
GT17PC4-12 Black Bezel, tempered glass, NEMA 4 rated  
GT17PC4-22 Stainless Steel Bezel, tempered glass, NEMA 4 rated  
GT17PC4-13 Black Bezel, resistive touch screen  
GT17PC4-23 Stainless Steel Bezel, resistive touch screen

### **GT/PC 19" Series - 19" TFT color LCD (1280x1024), SXGA, 110-264 VAC industrial chassis**

500 MHz processor based, 512 MB DDR2, 80 GB hard drive,  
Windows XP (Home Edition)

GT19PC4-11 Black Bezel, protective panel  
GT19PC4-21 Stainless Steel Bezel, protective panel  
GT19PC4-12 Black Bezel, tempered glass, NEMA 4 rated  
GT19PC4-22 Stainless Steel Bezel, tempered glass, NEMA 4 rated  
GT19PC4-13 Black Bezel, resistive touch screen  
GT19PC4-23 Stainless Steel Bezel, resistive touch screen