



Intelligence PanelPC Workstation

GE Fanuc's Intelligence PanelPC Workstation is a high-quality industrial PC platform offering the power and flexibility required by today's advanced manufacturing and industrial automation applications. Combining both touch screen with a full alphanumeric keypad and suite of dedicated function buttons, makes the PanelPC Workstation a perfect fit for HMI and PC Control applications needing quick and easy operator input.

PanelPC Workstation's robust features enable it to host the most complex applications, while at the same time easing the operator input burden through its large set of dedicated function keys and keypad.

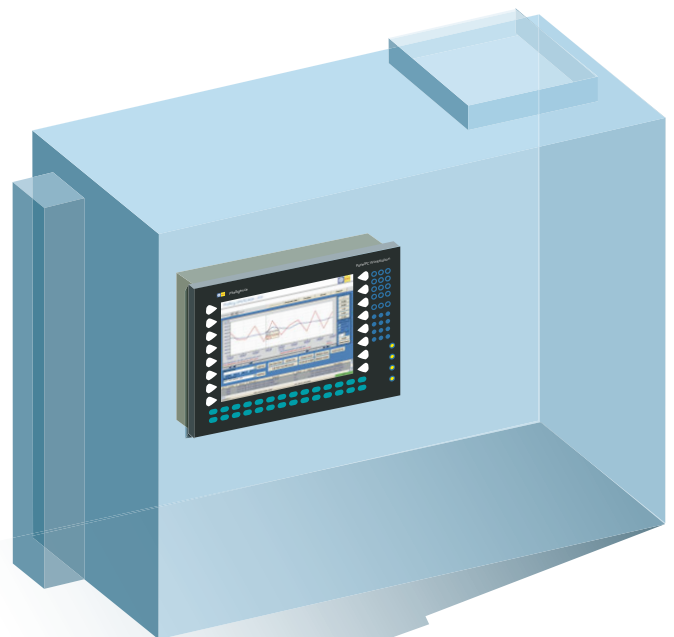
The PanelPC Workstation offers a NEMA 4 (IP65) sealed front panel to provide protection in dirty or wet environments. The PC's enclosure is formed of metal to ensure lasting protection of the internal components, but it is also lightweight, allowing it to meet stringent specifications for shock and vibration. Certification for UL Hazardous locations (UL1604) and CE Agency approval has also been obtained, ensuring the PanelPC Workstation is ready for almost any environment.

Ease of Use and Maintainability

- Integrated touch screen
- Dedicated programmable function keys
- Dedicated numeric keypad
- Dedicated alpha keys for text input
- Field replaceable hard drive and power supplies
- Thumbscrews used to minimize tool requirements

PLC Features in a PC Based Platform

- Non-volatile memory for off-line variable storage
- Status LEDs on the front panel
- Hardware supervision functionality
- Optional ability to connect directly to GE Fanuc CNCs via I/O Link



PanelPC Workstation

Part of GE Fanuc's Intelligence Family

PanelPC Workstation is a member of GE Fanuc's Intelligence industrial computer family. This family of "thick" and "thin" computers provides the advanced PC architecture needed for the most complex control applications. These compact, panel-mounted industrial computers contain a host of features that make them ideal for use as an operator panel in an embedded HMI system or as a secure system platform for machine control and HMI or PLC replacement.

The power and flexibility of our automation software applications, along with the rugged construction and extensible functionality of our hardware units, make these combinations ideally suited for the most demanding industrial applications. The result is a completely tested solution that is supported by the factory – providing added value while minimizing start-up concerns and saving you time and money.

Support and Services

With a full array of comprehensive support offerings, GE Fanuc helps you get the most out of your investment. Featuring GlobalCare Support, project consulting and implementation, Support on Demand and a complete range of training services, GE Fanuc is dedicated to keeping your business operating at peak levels of quality and efficiency at all times.

Specifications

PanelPC Workstation	
Operating System	Windows XP
Display	
Type	15" Active Matrix LCD
Resolution	1024x 768 pixels
Size	15" (30.7cm) diagonal
VRAM	4 MB
Vertical Side Keys	8 keys along each side of display for PC Control. Optionally, these keys may be factory configured as direct inputs to a GE Fanuc CNC via I/O Link.
Numeric/Control Keys	Full numeric keypad and keyboard functions (Arrow keys, Tab, esc, space, alt, delete, ctrl, etc.)
Horizontal Keys	28 keys located below display. Text mode key (locking) for alpha characters. CAPS Lock key for alpha characters caps switch.
Front LED Indicators	5 x Function (Text mode), Shift/ CAPS Lock, HDD/Error, Power, Compact Flash Ready
Processor	Pentium® III 1 GHz and 133 MHz Processor Bus
Memory	
DIMM	256 MB RAM
Expandable	To 512 MB (single DIMM Slot)
Storage	
Harddisk	40 GB 2.5 Inch Removable
Retentive Variable	32K NVRAM (onboard) for PC Control
Floppy Disk Drive	External FDD connector for optional panel-mounted floppy disk drive
CD-ROM Drive	External IDE connector for optional panel-mounted CD drive
Diagnostics Functions	Watchdog Timer, Temperature and Fan Status Monitoring
Communications	
Serial Port	2 x RS232 serial ports
Parallel Port	ECP+EPP parallel port
Ethernet LAN #1	10/100 Mbps
PS/2	PS/2 keyboard and PS/2 mouse ports
USB	2 x Front USB 1.0 1 x Side USB 1.0
CompactFlash	2 x Front
Free Slots	One PCI Slot, One PCI/ISA Slot
Agencies	UL Hazardous - Class 1, Div 2 CE Mark
Environmental	IP65 when panel mounted
Front of Panel and Depth (W x H x D)	18.85" x 13.86" x 7.16" 478.8 mm x 352.0 mm x 181.9 mm
Power Supply	120/240 VAC, Auto Sensing, Removable
Part Numbers	
With Windows XP	IC5005KAX0020
Panel-Mounted Floppy Disk Drive	IC850FDD101
Panel-Mounted CDR/Floppy Disk Drive Combination	IC850CDR101

GE Fanuc Automation Information Centers

Americas:
1 800 GE FANUC or 434 978 5100

Asia Pacific:
86 21 3222 4555

Europe, Middle East and Africa:
800 1 GE FANUC or 800 1 4332682
or 1 780 401 7717

Europe, Middle East and Africa (CNC):
352 727979 1

Additional Resources

For more information, please visit the GE Fanuc web site at:

www.gefanuc.com

