



Intelligence Panel PCs

GE Fanuc's new Intelligence Panel PCs provide the advanced computer 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. With the option of being bundled with GE Fanuc software, Intelligence Panel PCs provide the foundation for a scalable infrastructure extending from the factory floor to the business enterprise.



Full-Featured PC. Powered by VIA C3 or Intel Pentium® III processors, Intelligence Panel PCs supply all the important interfaces required for factory automation. In addition to dual integrated 10/100 Mbit Ethernet ports, two USB ports as well as ISA and PCI slots are available for fieldbus, measurement, or other add-on cards. The standard models each come with CD-ROM and floppy disk drives.

Rugged and Reliable. Intelligence Panel PCs meet stringent specifications for industrial-hardened equipment, including hazardous location, shock, and vibration requirements. Highly integrated components combined with slot CPUs and passive backplanes keep internal connectors, cables, and adapters to a minimum, adding to the Intelligence Panel PC's impressive performance and reliability.

Built for Factory Automation. Intelligence Panel PCs provide a host of PLC features in a PC-based platform. These options include battery-backed SRAM for persistent PLC memory data, a multicolor LED on the front panel and hardware monitoring features.

The Foundation of a Total Solution. Intelligence Panel PCs are available as stand-alone products or as bundled solutions with GE Fanuc's award-winning control and HMI software. Whether you're looking for an out-of-the-box Web-enabled approach for machine- or process-level HMI applications or an enterprise-level supervisory and control solution, a bundled Intelligence Panel PC system is your answer.

Space-Efficient Design. Available with 12.1", 15.1", or 18.1" TFT flat panel displays, Intelligence Panel PCs use 70 percent less space than traditional CRT systems. With a touchscreen and five built-in system access keys, they provide full functionality without a keyboard or mouse.



imagination at work

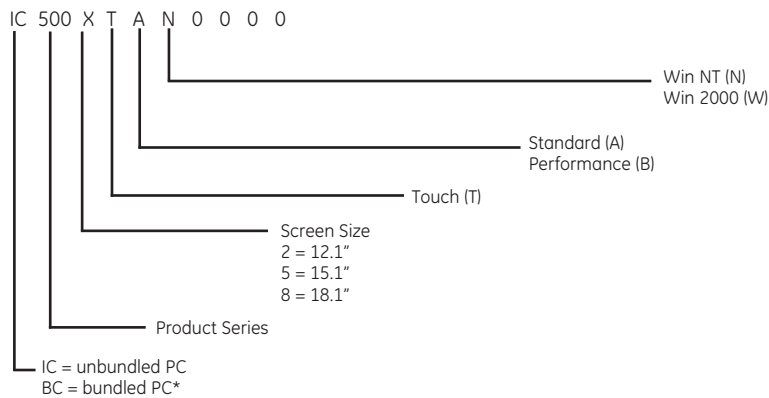
Intelligence Panel PCs Specifications

Display	IC5002/BC5002	IC5005/BC5005	IC5008/BC5008
Type (resolution)	TFT 12.1" (800 x 600)	TFT 15.1" (1024 x 768)	TFT 18.1" (1280 x 1024)
Brightness	300 cd/m ²	400 cd/m ²	250 cd/m ²
Lifetime	50,000 hours	70,000 hours	60,000 hours
Touch	Five wire	Five wire	Five wire
System Keys	Five external keys, Soft keyboard software	Five external keys, Soft keyboard software	Five external keys, Soft keyboard software
Multicolor LED	Power, Fan and Temperature Status	Power, Fan and Temperature Status	Power, Fan and Temperature Status

PC-Data

Processor	1 GHz VIA C3 / 1.4 GHz PIII	1 GHz VIA C3 / 1.4 GHz PIII	1 GHz VIA C3 / 1.4 GHz PIII
SDRAM DIMM	256 MB	256 MB	256 MB
Network	Ethernet 10/100	Ethernet 10/100	Ethernet 10/100
USB ports	Two (one side, one front)	Two (one side, one front)	Two (one side, one front)
PS/2 Mouse Keyboard	Yes	Yes	Yes
Hard Disk Drive	40 GB minimum, 3.5"	40 GB minimum, 3.5"	40 GB minimum, 3.5"
CD-ROM and Floppy Drives	Yes	Yes	Yes
Free Slots	Two (ISA and/or PCI), single-slot option	Three (ISA and/or PCI), Five-slot option	Three (ISA/PCI and ISA)
COM	COM1: RS 232/RS 422/RS 485; COM 2: RS 232; LPT 1	COM1: RS 232/RS 422/RS 485; COM 2: RS 232; LPT 1	COM1: RS 232/RS 422/RS 485; COM 2: RS 232; LPT 1
System Supervision	CPU and chassis fan, CPU over temp, on-board NTC	CPU and chassis fan, CPU over temp, on-board NTC	CPU and chassis fan, CPU over temp, on-board NTC
Options	128 KB SRAM for persistent variable storage (PCI Card)	128 KB SRAM for persistent variable storage (PCI Card)	128 KB SRAM for persistent variable storage (PCI Card)
Operating Systems	Windows NT/2000	Windows NT/2000	Windows NT/2000
Power Supply	115/230 VAC, 100 W	115/230 VAC, 100 W	115/230 VAC, 100 W
Certification	UL1604 Class 1 Div 2, CE, NEMA 4, IP65	UL1604 Class 1 Div 2, CE, NEMA 4, IP65	UL1604 Class 1 Div 2, CE, NEMA 4, IP65
Temperature	0-45°C	0-45°C	0-45°C
Width x Height x Depth	13.00 in x 10.55 in x 7.20 in	15.35 in x 12.28 in x 6.14 in	17.40 in x 14.61 in x 6.30 in

Catalog Numbering



* When purchasing an Intelligence Panel PC in conjunction with GE Fanuc software, customers may elect to take advantage of the bundled version of the product. In addition to providing such time-saving features as software installation images on the hard drive, the bundled PCs also provide simple access to other GE Fanuc resources (web links, datasheets, etc.)

GE Fanuc Automation Information Centers

Americas:
1-800-GE FANUC or (434) 978-5100

Europe, Middle East and Africa:
(352) 26722-1

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

Asia Pacific:
86-21-3222-4555

Additional Resources

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

www.gefanuc.com

