



# Intelligence PanelPC

A strong choice for your industrial computing needs, PanelPC's advanced computer architecture can help you address the most complex control applications in a form factor that will hold up in industrial environments unsuitable for office-grade computers.

**Benefits include:**

- Improved uptime
- Increased profitability
- Faster performance
- Flexibility and ease of use
- Quicker time to value

GE Intelligent Platforms' PanelPC is an ideal solution for end users, OEMs and system integrators who require local computing capabilities on the manufacturing floor or on a machine. These high-performance computers have been designed to withstand the demands of any advanced software application, as well as the heat, dust, vibration and other harsh conditions present on the plant floor.

PanelPC has been designed with Intel's® Pentium® and Celeron® M processors, providing high-end performance while using less power and producing less heat. This ultimately leads to greater uptime and increased profitability.

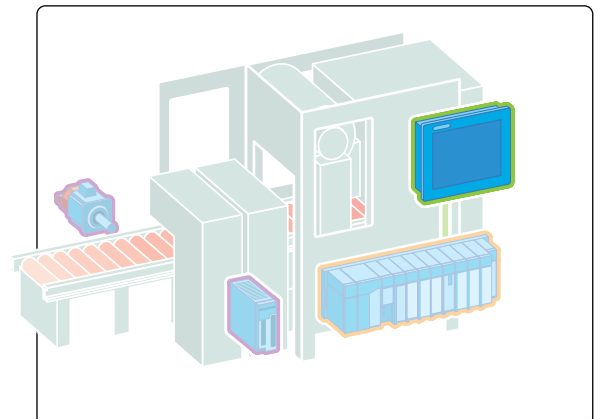
With different screen sizes and configuration choices, along with add-on options such as increased memory and larger hard drives, PanelPCs ensure that your investments are kept up to date.

**Flexible Design and Options**

- Available in 12", 15" & 17" touch screen sizes
- Standard and Performance configurations for ease of ordering
- Deluxe units come with either a CD-RW or DVD+/-RW drive
- Optional stainless steel bezel
- Memory and hard drive upgrades available, including Compact Flash
- Key communication interfaces - Ethernet, USB, serial, parallel; ISA & PCI slots are available for field bus or other add-on requirements

**Ease of Use and Maintainability**

- Five built-in system access keys that provide full functionality without a keyboard or mouse
- Front USB port for easy access to portable devices
- Hardware diagnostics information that can be communicated to GE software
- Ability to meet stringent specifications for industrial-hardened equipment, including hazardous locations (Class I Div II)



# Intelligence PanelPC

## Part of GE's Intelligence Family

PanelPC is a member of GE'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 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, we are dedicated to keeping your business operating at peak levels of quality and efficiency at all times.

## Specifications

	PanelPC 12"	PanelPC 15"	PanelPC 17"
Operating System	Windows XP	Windows XP	Windows XP
Display:			
Type	12" Color-TFT	15" Color TFT	17" Color TFT
Resolution	SVGA 800 x 600 pixels	XGA 1024 x 768 pixels	SXGA 1280 x 1024 pixels
Size	12.1" (30.7cm) diagonal	15" (38.1cm) diagonal	17" (43.1cm) diagonal
Processor			
Standard	1.6 GHz Banias	1.6 GHz Banias	1.6 GHz Banias
Performance	N/A	1.8 GHz Dothan	1.8 GHz Dothan
Memory:			
DDR DIMM Standard	512 MB	512 MB	512 MB
DDR DIMM Performance	N/A	1 GB	1 GB
Expandable	2 GB	2 GB	2 GB
Drive Storage			
Harddisk Regular	100 GB	100 GB	100 GB
Harddisk Deluxe	N/A	160 GB	160 GB
Optical Regular	none	none	none
Optical Deluxe	N/A	DVD+/-RW	DVD+/-RW
Communications			
Serial	3 x 9-pin RS232	3 x 9-pin RS232	3 x 9-pin RS232
USB	1 x Front USB 2.0	1 x Front USB 2.0	1 x Front USB 2.0
	3 x Rear USB 2.0	3 x Rear USB 2.0	3 x Rear USB 2.0
Ethernet: LAN #1	2 x 10/100 Mbps	2 x 10/100 Mbps	2 x 10/100 Mbps
Free Slots			
Regular:	1 x shared ISA/PCI	1 x shared ISA/PCI	1 x shared ISA/PCI
Deluxe:	2 x shared ISA/PCI	1 x PCI	1 x PCI
Agencies	UL 508 CE Mark	UL 508 CE Mark	UL 508 CE Mark
Environmental	Front IP65, NEMA 4	Front IP65, NEMA 4	Front IP65, NEMA 4
Panel Cut-Out (W x H x D)			
Regular	12.52" x 10.08" x 3.5" (+1.97" for cooling)	14.80" x 11.77" x 3.5" (+1.97" for cooling)	16.85" x 14.09" x 3.66" (+1.97" for cooling)
	318 mm x 256 mm x 89 mm (+50 mm for cooling)	376 mm x 299 mm x 89 mm (+50 mm for cooling)	428 mm x 358 mm x 93 mm (+50 mm for cooling)
Deluxe	12.52" x 10.08" x 6.97" (+1.97" for cooling)	14.80" x 11.77" x 5.9" (+1.97" for cooling)	16.85" x 14.09" x 5.9" (+1.97" for cooling)
	318 mm x 256 mm x 177 mm (+50 mm for cooling)	376 mm x 299 mm x 150 mm (+50 mm for cooling)	428 mm x 358 mm x 154 mm (+50 mm for cooling)
Front of Panel			
Regular	13.00" x 10.55" 330 mm x 268 mm	15.35" x 12.28" 390 mm x 312 mm	17.40" x 14.61" 442 mm x 371 mm
Deluxe	13.00" x 10.55" 330 mm x 268 mm	15.35" x 12.28" 390 mm x 312 mm	17.40" x 14.61" 442 mm x 371 mm
Power Supply	100 - 240 Volt AC	100 - 240 Volt AC	100 - 240 Volt AC
	100 W autosense	100 W autosense	100 W autosense
	50/60 Hz, 150 watt	50/60 Hz, 150 watt	50/60 Hz, 150 watt

## Ordering Information

### Part Numbers

Standard/Regular	IC5002TAX0010	IC5005TAX0010	IC5007TAX0010
Standard/Deluxe	IC5002TAX0030	IC5005TAX0030	N/A
Performance/Regular	N/A	IC5005TBX0010	N/A
Performance/Deluxe	N/A	IC5005TBX0030	IC5007TBX0030

## GE Intelligent Platforms Contact Information

Americas: **1 800 433 2682** or **1 434 978 5100**

Global regional phone numbers are listed by location on our web site at [www.ge-ip.com/contact](http://www.ge-ip.com/contact)

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