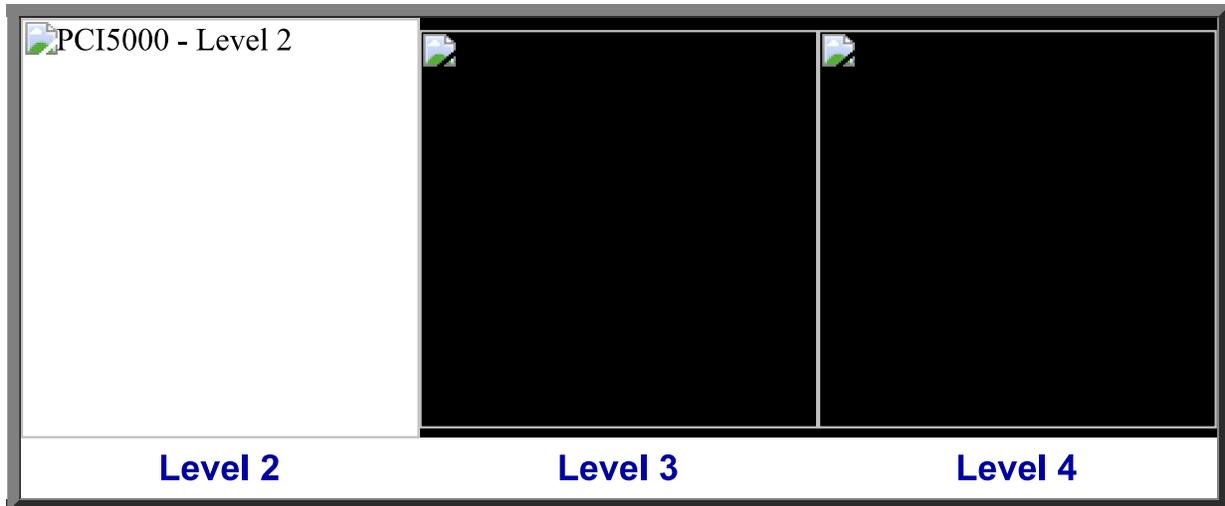


Products

PCI 5000

Industrial Terminal



PCI 5000 is the complete Industrial PC Terminal from InnoScan Computing A/S.

PCI 5000 is designed to meet the environmental and performance requirements needed in applications for industries like chemical-, pharmaceutical-, food- and machine industry. The design assures that the PCI 5000 operates in the factory environment unaffected by moisture, dust, shock, vibration, most chemicals and strong solvents.

Available as:

- Level 2 Build in (into customers cabinet)
- Level 3 Panel Mount (19" rack)
- Level 4 Stand alone unit

Features:

- TFT displays in VGA, SVGA, XGA
- Display size in from 10.4" to 15.1"
- Resistant to most chemicals. Front and complete box rated to IP65/NEMA 4/12
- Complies to EMC directive for industry
- Operational via mouse, foil keyboard and touch
- Vibration resistant design
- Backplane for ISA and PCI boards
- **Microsoft Windows Hardware Quality Labs approved**

Technical Specifications for PCI 5000

Processor:

- Intel Pentium range of processors.
- Watchdog & real time clock.
- Power failure detector, Internal UPS (optional).

Memory:

- 4 Mb expandable to 128 Mb.
- 1 socket for BIOS ROM.

Video Controller:

- Flat panel support for VGA, SVGA, XGA.
- 2 Mb Video RAM.
- PCI based SVGA Controller, type C&T 65554.

Display:

- VGA, SVGA, XGA.
 - LCD TFT Color, 10.4" to 15.1".

I/O Ports:

- 2 Serial ports with FIFO buffer and individual galvanic isolation configurable to RS232, RS422 or RS485.
- Parallel printer port with galvanic isolation.
- Keyboard port + Speaker port.
- Mouse port (IBM PS/2 compatible).

Disk Drives:

- IDE and FD controller.
- Solid State Disk.
- Hard Disk 2 ½".

Open Slots (optional):

- Expansion slots for full size ISA cards and PCI.
- 1 ISA + 3 ISA/PCI slot for Level 2+3+4.

Touch Pad Mouse (optional):

- Integrated in front IP65 (Nema 4/12) of Level 3B and 4B.

Touch Screen (optional):

- For level 3 and 4 only.
- Technology: Capacitive, IR, Resistive.
- Material: Glass with hard-coated surface.

Floppy Drive:

- 3 ½" (Portable pocket type).

Power Supply:

- Voltage 110/220V AC, 50-60 Hz or 24V DC (16.8V-36V DC).
- Consumption max. 150W

Keyboard:

- Full qwerty keyboard. Tabletop or wall-mounted.

Outer materials:

- **Level 4A, 4B:**
 - Stainless steel ASI 304.
 - Laminated safety glass, anti-glare etched.
 - Polyester, reverse printed, front overlay.
 - Cooling wing, extruded anodized aluminum.
- **Level 3A, 3B:**
 - Stainless steel ASI 304 (front).
 - Laminated safety glass, anti-glare etched.
 - Polyester, reverse printed, front overlay.

- EMC shield on the back, anodized steel.
- **Level 2:**
 - Flat screen on front (uncovered).
 - EMC shield on the back, anodized steel.
- **Keyboard:**
 - Stainless steel ASI 304, polyester, reverse printed.

Environmental performance:

Shock and vibrations

- When fitted with Plasma screen and Solid state disk.
 - Operating Shock: 20G, 11ms.
 - Operating Vibration: 5G (x,y,z plane) 0-100Hz.
- Lower figures when fitted with LCD screens and hard disks.

Resistant to most chemicals (Level 3 + 4)

- Level 3: IP65, NEMA 4/12 rated front panel.
- Level 4: IP65, NEMA 4/12 rated for entire unit
- Keyboard: IP65, NEMA 4/12 rated for entire unit.

Operating temperature:

- -25° C to 50° C with power connected.
- 0° C to 45° C operational (LCD TFT).
- Ambient temperature: Level 4: Operational.
- 0° C up to 40° C depending on configuration.
- 85% RH non condensing (Level 2 + 3).
- Complies with EMC directive for industry.
- Immunity: prEN 50082-2 (higher levels of protection than required against bursts, surges and ESD).
- Emission: EN 50081-2.

Weight & dimensions

Model:	Approx. Dimensions (mm):	Weight (kg):
Level 2:	241H x 319L x 86D	4
Level 3A, 3B:	345H x 420L x 125D	8
Level 4A, 4B:	345H x 420L x 159D	16
Keyboard, tabletop:	200H x 420L x 42D (highest)	2,6
	200H x 420L x 14D (lowest)	2,6
Keyboard, wall-mount:	200H x 420L x 36C (highest)	1,8
	200H x 420L x 8D (lowest)	1,8

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