beltronic
Industrial PC®

PXI-8S Portable PC

With original NATIONAL INSTRUMENTS PXI/PXIe hardware

The beltronic-IPC PXI-8S Portable PC is built to be used in military and industrial areas which call for this kind of robust and reliable system.
The compact and very solid aluminum housing meets industrial and MIL-810G environmental requirements.

The system complies with high EMC/EMI standards. It operates on 24V DC or 110 to 230V AC (50/60Hz or 400Hz).

The modular design concept of the PXI-8S-Portable PC allows the construction of a great variety of customized versions even in small quantities.

For more than 15 years, the beltronic-IPC embedded Portable PC's have been successfully implemented in a wide variety of industrial and military projects.

- **Original NATIONAL INSTRUMENTS i5/i7 CPU modules**
- **Original NATIONAL INSTRUMENTS PXI/PXIe 8-slot backplanes**
- **15.4" daylight readable display**
- **Power in 110-230V AC (50/60Hz or 400Hz) or 24V DC**
- **Operates between –20°C to +50°C**
- **Built to be compliant with MIL-STD 810G**

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Dimensions/Weight	
Housing	Rugged aluminum housing with anti corrosion treatment
	Powder coating in RAL colors
Approx. Dimensions in mm	W: 450, D: 350-400, H: 280
	With edge protection elements: 480x370-420x300
Weight	Approx. 16-18kg (depending on configuration)
Hardware Configurations	
NI PXIe Backplane	NI-1082 PXIe 8-Slot backplane (other backplanes on demand)
NI CPU module	Original NI CPU modules
CPU type	Intel Core i5/i7 mobile CPU
RAM	4GB-16GB
HDD/SSD	250GB SATA 2.5“ HDD
	Up to 1TB SSD, optional
I/Os	2x Gbit-LAN RJ45, 4x USB2.0, 1x RS232, 1x parallel I/O, 1x GPIB
Display/Keyboard/Mouse	
Display	15.4“-WXGA LED display (1280x800), daylight readable with anti glare protection glass
Touch	PCAP or resistive touch, optional
Keyboard/Mouse	IP65 protected rubber keyboard with backlight and Hula mouse
Preheating option	
	Preheating option to heat the system up from –20°C to 0°C
Power Supply	
AC/DC 600W power supply	110-230V AC input, 600W, 47-440Hz
DC/DC 500W power supply	24V DC input, 500W
Customizing Options	
MIL-Connectors	MIL-connectors for all I/Os according to customer specs
Customizing	Integration of customer I/O boards or special hardware components according to customer specs
	Customized painting in all RAL colors
Environment	**Built to be compliant according to:**
Temperature	
Operating	-20°C to +50°C
Storage	-30°C to +70°C
Humidity	5% to 95% relative humidity, without condensation
IP Protection	IP53 or IP54 (in operating position)
Vibrations	MIL-STD 810G
	Method 514.6
Shock	MIL-STD 810G
	Method 516.6
	20G, 11ms
Regulations	CE, RoHS
Options	Optional MIL-STD 1275B or MIL-STD 461F
	(For additional details contact us)