

GX7300 SERIES

APPLICATIONS

- Automatic Test Equipment (ATE)
- Data Acquisition
- Process Control
- Production Test
- Scientific Applications
- Industrial Systems

SPECIFICATIONS

CHASSIS	GX7300 GX7310 GX7302 GX7312
INPUT AC POWER	115 VAC @ 16 A, 50/60 Hz230 VAC @ 8 A, 50/60 Hz 110 to 240 VAC @ 15A, PFC
TOTAL AVAILABLE DC POWER	1120 W
+5V +3.3V +12V -12V	120 A (Max) 80 A (Max) 64 A (Max) 6 A (Max)
WEIGHT GX7300 GX7310 GX7302 GX7312	33 lbs 30 lbs 35 lbs 32 lbs
DIMENSIONS GX7300, GX7310, GX7302, GX7312	4U (7") H x 17.6" W x 16" D 6U (10.5")H x 17.6"W x 23"D
COOLING	One 235 CFM fan for system cooling. Two 50CFM fans for power supplies. Integrated temperature monitoring via an on-board microcontroller with audible and software notification when preset temperature limits are exceeded.
TEMPERATURE MONITORING	Per slot monitoring, 1 reading/sec/slot 4 second moving average value User selectable alarm criteria: •Maximum slot temperature •Average slot temperature Accuracy: +/- 2 ° C Default warning and shutdown limits: +50 ° C & +70° C Warning and shutdown limits programmable via software driver Status: Query via software driver and audible alarm for a warning limit condition
POWER SUPPLY MONITORING	Monitored voltages: 3.3, 5, +12, -12, VIO value Accuracy: +/- 2% of reading
PXI TRIGGERS	Slots: 2- 20 Number: 8 per segment Software controlled segment mapping supports: •Isolate a trigger line within a segment •Map a trigger line left to right •Map a trigger line right to left
CLOCK	Integrated 10 MHz PXI clock with an auto-detect function. Presence of an external 10 MHz PXI clock will disable the internal clock.

SLOTS	20 PXI or cPCI Slots (19 instruments max)
ENVIRONMENTAL TEMPERATURE RANGE	
OPERATING:	0° C to 50° C
STORAGE:	-20° C to 60° C
CE COMPLIANCE	EN61010-1 EN61326

Note: Specifications are subject to change without notice.

ORDERING INFORMATION

CHASSIS	
GX7300	3U, 20 Slot PXI Chassis with built-in CD-ROM and hard disk drives
GX7300R	3U, 20 Slot PXI Chassis with CD-ROM and hard disk drives, w/rack mount
GX7310	3U, 20 Slot PXI Chassis for use with GX7990 PXI Bus Expander
GX7310R	3U, 20 Slot PXI Chassis for use with GX7990 PXI Bus Expander, w/rack mount
GX7302	GX7300R with an integrated Cable Tray and a Hinged front panel for Mass Interconnect (rack mount configuration)
GX7312	GX7310R with an integrated Cable Tray and a Hinged front panel for Mass Interconnect (rack mount configuration)

CONTROLLER OPTIONS	
GX7930-14512	CPU Plug-in Controller for GX7300 Series chassis. 1.4 GHz/512 MB RAM Pentium M CPU
GX7930-181024	CPU Plug-in Controller for GX7300 Series chassis. 1.8 GHz / 1 GB RAM, Pentium M CPU
GX7930-14512E	CPU Plug-in Controller for GX7300 Series chassis. 1.4 GHz / 512 MB RAM, Pentium M CPU, Extended temperature range, -40 to +85 C
GX7990	PCI – PXI bus expansion kit. Two card set with 4 foot cable.
MXI-4	PCI to PXI and PXI to PXI bus expansion kits. Contact factory regarding specific configuration requirements.
ACCESSORIES	
GX97111	3U Blank Panel, 1-Slot wide
GX97112	3U Blank Panel, 2-Slots wide
GX97114	3U Blank Panel, 4-Slots wide
PXI-INT1	Integration service for PXI instruments
GX97920	20-Slot PXI Chassis Installation/Integration Service (includes 2nd year warranty)