GX7909 SERIES

MARVIN TEST SOLUTIONS

3U CPCI CARD WITH HARD DRIVE / SSD

- cPCI 3U carrier with PMC SATA hard drive
- Available with 500 GB, 2.5 inch hard drive or 1 TB SSD
- Can be used as primary or secondary mass storage for PXI systems

DESCRIPTION

The GX7909 is a 3U cPCI carrier with a PMC SATA 2.5 inch hard drive. The module can be installed in any PXI-1 or cPCI peripheral slot and can be used as a primary or secondary mass storage device. For classified programs requiring the removal and storage of media associated with specific test programs, the GX7909 is the ideal solution. The GX7909 can be used with PXI chassis employing either an external controller or embedded controller.

FEATURES

The module employs a 2.5 inch, 9.5 mm high, SATA interface hard drive. Interface to the PCI bus is via a SATA to PCI interface. The SATA interface is Serial ATA 150 compliant (generation 1). The module can also be supplied with a 1TB solid state drive (SSD).

SOFTWARE

Standard Windows drivers support discovery and access of the drive.

APPLICATIONS

- Automatic Test Equipment (ATE)
- Secure / black programs requiring removable media
- Secondary mass storage

SPECIFICATIONS

HARD DRIVE	
Type	2.5 inch, 9.5 mm high
Capacity	500 GB
Rotational Speed	7,200 rpm

Average Seek Time	12 ms
Data Transfer Rate	1136 Mb/s (max)
SHOCK (HALF SINE)	
Operating	400 Gs @ 2 ms, 200 Gs @ 1 ms
Non-Operating	1000 Gs @ 1 ms
VIBRATION (RANDOM)	
Operating	1 G (5 to 500 Hz), 5 Hz sine
Non-Operating	5 Gs (10 to 500 Hz), 10 Hz sine
POWER	
3.3 VDC	TBD
5 VDC	TBD
ENVIRONMENTAL	
Operating Temperature	+5° C to +55° C
Storage Temperature	-40° C to +65° C
Humidity (Non-Condensing)	8% to 90% (operating) 5% to 95% (non-operating)
Size	3U cPCI
Weight	200 g

Note: Specifications are subject to change without notice

ORDERING INFORMATION

GX7909-SSD	3U cPCI with Solid State Drive, 1TB
GX7909-500	3U cCPI Card with 500 GB Hard Drive

Note: The GX7909 Series is supplied by a 3rd party and resold by Marvin Test Solutions.

CHASSIS AND CONTROLLERS

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