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Find the *Exfo / Gnubi EPX300* at our website: *Click HERE*

CPU and Clock Modules



The EPX™ and TransPort™ chassis are flexible, expandable, multi-channel test systems. They are ideal for testing in production labs, verification labs, and on-site installations. All of gnubi's™ test systems use the same CPU and clock modules to provide easy access and configuration flexibility.

Expandable Multiple Rate Testing

Unlike other test equipment, gnubi's test systems give you the flexibility to create the test applications that you need now and the expandability to grow with your testing needs in the future. You can mix test modules for multiple rate testing.

Simultaneous Multi-port Testing

With the EPX and TransPort Test Systems, you can install as many as 17 or 8 modules for simultaneous multi-port testing. Using EPXam™ tools such as Group Manager, Test Controls, or Script Runner, control multiple instances of the same test simultaneously. Or you can conduct different tests at the same time.

Making Processing and Access Easy

With a built-in web server, the EPX000 CPU Module makes access as easy as connecting an Ethernet cable and opening a web browser. As many as 10 users can connect to the same EPX or TransPort Test System.

The CPU Module manages all the necessary communications, status, and monitoring for all the test modules in an EPX or TransPort chassis.

Flexible Clock Sources

The EPX100 Clock Module expands your clock source options for testing. Use it to send timing references to all the modules in the chassis and to the equipment under test. You can also connect an external clock or BITS timing source to the clock module.

Easy to Use

You can start testing quickly and easily with the EPXam graphical user interface. Other ease-of-use features include saving and restoring configurations, connecting remotely with a web browser, scripting, and sharing test resources with others.

With Checkpoint/Resume, recovering from a power failure is easy. Module setup and test data are saved at intervals that you can define. When the system is restarted after a power failure, tests are resumed with minimal data loss.

Upgradable

As new features are developed for gnubi's test modules, download the upgrades from our website. Visit www.gnubi.com to learn about the latest features and upgrades.

Features

- Interchangeable with all of gnubi's chassis models
- Test multiple rates and protocols within a single chassis
- Resume measurements and data collection after power failure
- Full-featured GUI and command-line user interfaces
- Log test data to the CPU module
- Remote access via web browser
- Internal, BITS timed, and external clock sources
- External clock output for triggering or other test devices
- BITS output

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Specifications

CPU and Clock Modules

Model	EPX000	CPU Module
Installation	All gnubi chassis models; uses two slots	
Ports	Ethernet	10BaseT
	Serial	RS-232
Hardware	Processor	Pentium class
	Storage	32 MB
	RAM	20 MB
Software	Servers	Web, FTP
Operating Temperature	0 to 40° Celsius, non-condensing	
Warranty and Service	Standard	1 year parts and labor
	Extended	Service Plan available

Model Number	EPX100	Clock Module
Installation	All gnubi chassis models; uses one slot	
External Clock Output	Selectable source	SONET/SDH, DS3, DS1, External clock input
	50 Ohm AC coupled ECL/PECL level signal (1 Vp-p +/-20%)	
	SMA connector	
External BITS Output	Regenerates BITS input	
	Bantam Connector	
External Clock Input	Replaces internal clock source	SONET/SDH, DS3, DS1
	50 Ohm ECL/PECL level signal (200 MVp-p minimum)	
	SMA connector	
External BITS Input	Locking internal timing sources	SONET/SDH, DS3
	Requires DS1 BITS Input; replaces internal 1.544 MHz clock	
	Bantam Connector	
Internal Timing Sources	SONET/SDH	155.52 MHz +/-4.6 ppm
	DS3	44.736 MHz +/-4.6 ppm
	DS1	1.544 MHz +/-4.6 ppm
Operating Temperature	0 to 40° Celsius, non-condensing	
Warranty and Service	Standard	1 year parts and labor
	Extended	Service Plan available

[1] Includes CPU and clock modules; [2] Includes handles; [3] For a fully loaded chassis

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gnubi communications, L.P. • 17919 Waterview Parkway, Dallas, Texas 75252-8011 • Phone 972.836.0100 • Fax 972.836.0174
Gnubi Communications GmbH & Co. KG • Ludwig-Erhard-Str. 52-56, D-72760 Reutlingen, Germany • Phone +49 7121-62873-0 • Fax +49 7121-62873-29

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