The Network Information Computer (NIC) Platform

Modular Platform for Telecom/Datacom Testing

AVAILABLE TESTING SUPPORT FOR:

- Ethernet 10/100/1000BaseT
- GigE with SFP Pluggable Optics
- 10GigE with XFP Pluggable Optics
- Ethernet FEC 11.049/11.095Gbps
- SONET from STS-1/OC-1 to OC-192
- SDH up to STM-0 to STM-64
- NextGen (VCAT, LCAS and GFP)
- Optical Transport Network OTU-1+OTU-2
- ODU-1 to ODU-12 Multiplexing
- DS1, DS3, E1, E3 and E4
- Jitter and Wander Testing 1.5M to 10.7G
- Serial Interface Testing
- C/L-band Optical Channel Monitor

KEY FEATURES

- Simultaneous and independent testing of multiple ports and multiple streams
- One-box solution for telecom and datacom testing
- Easy-to-use Graphical User Interface (GUI)
- Remote control GUI included
- Modular, upgradeable design provides investment protection
- Three-year warranty
- Free 24-hour technical support

NIC 2.5G

NIC Plus

NIC EP

Digital Lightwave®

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NIC Chassis*

The NIC Chassis
Configurable as NIC 2.5G, NIC 10G or NIC GigE, the NIC chassis is a two-slot light, compact configuration for field testing of SONET, SDH, OTN, ATM, Ethernet and DWDM networks.

The NIC Plus Chassis
With five-slots available, the NIC Plus provides telecom and datacom testing in one chassis, capable of unmatched multi-port configurations as well as jitter and wander testing.

NIC Plus Chassis*

The NIC EP Chassis
Rack-mount five-slot chassis "Embedded Platform" with remote management software to enable remote circuit turn up, monitoring, troubleshooting and is also optimized for lab and manufacturing applications.

General Specifications
Operating Temperature: 0° to 40° C @ 85% RH
Storage Temperature: -20° to 60° C @ 95% RH
Power Requirements: 100 to 120 and 200 to 240 VAC, 50-60 Hz
Dimensions - NIC: 10.1 H x 12.3 W x 4.7 D in (257 x 312 x 120 mm)
Dimensions - NIC Plus: 13.7 H x 13.0 W x 7.9 D in (348 x 330 x 201 mm)
Dimensions - NIC EP: 7.0 H x 19.0 W x 10.6 D in (178 x 483 x 269 mm)
Weight - NIC: 11-12.5 lb, depending on configuration
Weight - NIC Plus: 14.5 - 25 lb, depending on configuration
Weight - NIC EP: 14.5 - 25 lb, depending on configuration

NIC EP Chassis*

Auxiliary Interfaces
Remote Control/Software Update: 10/100 BaseT, RJ-45
Wireless Remote Control Software Update: 802.11B PCMCIA Support
Parallel Printing: DB-25
Serial Printing: RS-232 Async, DB9
Mouse Control: USB
External Memory: USB or PCMCIA Dual Slot (2 Type II or 1 Type III support)
Input/Output Trigger: SMA
BITS/SETS Clock: Bantam 1.544M/2.048M

For more information or a sales quote, contact any Digital Lightwave location or email sales@lightwave.com

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