Digital Lightwave®

Network Information Compu ter (NIC)

Modular Platform for Telecom/Datacom Testing

The NIC is a scalable solution for verifying and qualifying the performance of today's multiprotocol global communications networks.

With a flexible software/firmware-based architecture, the scalable NIC Plus combines in a single platform the multitude of traditional hardware-based test sets required to install, maintain, and monitor high-speed multi-protocol networks.

The NIC is designed to grow as your network grows, and as technologies change. The NIC products support SONET/SDH up to 40Gbps, NextGeneration (VCAT, LCAS, GFP), OTN up to 43Gbps, PDH/T-Carrier, Ethernet 10/100/1000BaseT, GigE, 10GigE (LAN, WAN, FEC), Fibre Channel, ATM, Jitter/Wander testing and Optical Spectrum Analyzer.

KEY FEATURES

- Now available with Battery Power
- Simultaneous and independent testing of multiple ports and multiple streams
- One-box solution for telecom and datacom testing
- Compact and lightweight – fits under an airline seat
- When configured as the NIC 40G, the 2-slot NIC is the smallest and lightest 40/43G test set on the market
- 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

PLATFORMS

NIC ™

NIC BP ™

NIC Plus ™

NIC EP ™

Network Information Computer (NIC)

Modular Platform for Telecom/Datacom Testing

Digital Lightwave®

NIC Chassis*

NIC BP Chassis*

NIC Plus Chassis*

NIC EP Chassis*

The NIC Chassis

Two-slot compact chassis for field testing of SONET, SDH, OTN, ATM, Ethernet and DWDM networks. Fits under an airline seat. Can be configured as a NIC 40G, the industry's smallest/lightest 40/43Gbps test solution.

The NIC BP Chassis

Battery power to support applications where power is unavailable or unreliable.

The NIC Plus/NIC Plus NXG Chassis

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

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

Memory storage: Internal non-volatile memory, USB, PCMCIA
Operating System: Windows XP Embedded
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 BP: 10.1 H x 12.3 W x 5.0 D in (257 x 312 x 127 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 BP: 12.5 - 14 lb, depending on configuration
Weight - NIC Plus: 14.5 - 25 lb, depending on configuration
Weight - NIC EP: 14.5 - 25 lb, depending on configuration
Screen - NIC & NIC BP: 10.4-inch active matrix color display with touchscreen
Screen - NIC Plus: 12.1-inch active matrix color display with touchscreen
Power Supply - AC Power Supply and Rechargeable Battery

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

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