SmartNA-PortPlus
Network Packet Broker 10G/25G/40G/100G

Network Critical
The Window to your Network™

Network Critical's innovative SmartNA-PortPlus Network Packet Broker bridges the gap between todays ultra high speed networks and existing management, monitoring and security tools.

The SmartNA-PortPlus provides up to 48 ports of 10/25Gbps plus 6 ports of 40/100Gbps in a non-blocking single RU chassis, enabling users to interconnect different network protection and monitoring tools quickly and easily.

Beyond server ready high speed connectivity for security and monitoring tools, the SmartNA-PortPlus is also a feature rich traffic manager. Advanced features such as aggregation, filtering, graphical port mapping and load balancing of core network traffic allow users to maximize their tool investment.

SmartNA-PortPlus is powered by Network Critical's unique Drag'n'Vu software, a sophisticated computational engine with an intelligent and intuitive graphical user interface that enables fast, error-free configuration and management.

The fastest processing, highest density, most flexible combination of port speeds and simplest management make Network Critical's SmartNA-PortPlus the best choice for complete network visibility.

Key Features & Benefits

- High density, high performance NPB: Next-generation network and server ready 48 x 10/25G ports + 6 x 40/100G ports

- Intelligent and intuitive Drag-n-Vu user interface for fast, error free configuration

- Aggregate, Filter and Load Balance core network traffic across existing and future tool portfolio

- Non-blocking architecture, Line Rate System Throughput 1.8 Tbps

- Session Aware Load Balancing by IP address, protocol, port, VLAN, MAC address or other parameters.

- Custom P-Tag functionality enables complex traffic processing workflows

- Programmable architecture purpose-built to support workload density, emerging protocols and new technologies

- Support for RADIUS and TACACS+ Authentication, Authorization and Accounting

- SNMPv3 integrates with all major NMSs

- Quickly provisions new tools by eliminating SPAN port contention

- Dual Hot swap power supplies and fans for greater resilience

- Maximizes visibility and efficiency for monitoring and security tools

100% Network Visibility
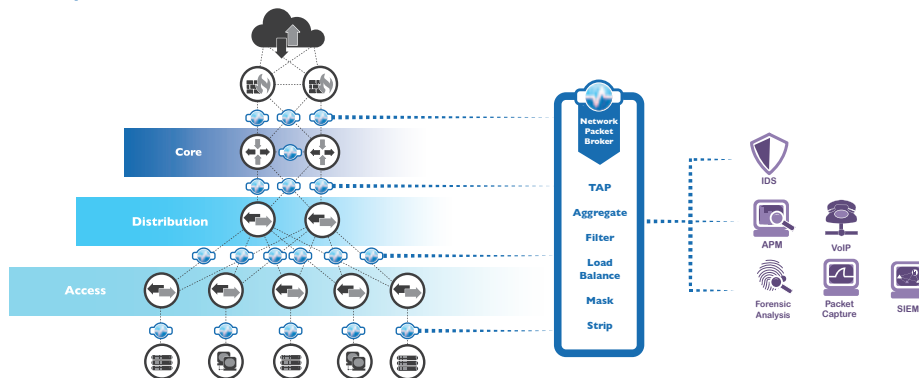
PRODUCT SPECIFICATIONS

Interfaces
48 x 10/25Gbps SFP28
6 x 40/100Gbps QSFP28
OOB: 1x 10/100/1000 Mbps Ethernet RJ-45
1x RS-232 Console RJ-45

Performance
1.8Tbps throughput (full line rate performance)

Management
Web UI (Drag-n-Vu) via HTTPS/HTML5
CLI via SSH
SNMP v1/v2c/v3

Environment
Operating Temperature: 0°C to 45°C, Non-Operating Temperature: -20°C to 70°C, Relative Humidity: 20% to 80% (non-condensing)

Mechanical
Dimensions: (W x D x H) 440 x 434 x 44 mm
Mounting: Surface or 19" rack mount (1U)
Weight: 10kg (22 lbs)

Electrical
AC Input: 84-264VAC
DC Input: -40VDC nominal -40 to -72VDC, 13.9A

Certification
IEC 60793

PART NUMBERS

SmartNA-PortPlus Network Packet Broker

6000	SmartNA-PortPlus NPB, (48) 10G/25G Ports (SFP28), & (6) 40G/100G Ports (QSFP28)

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