NodeGrid Flex

Remote IT Infrastructure Management with Flexible Add-on Ports

The Flexibility You Need Is Here.

NodeGrid Flex is the ultimate IoT, POD, Retail, and Remote Office IT infrastructure management solution, providing secure access and control with flexible ports to "mix and match" your needs for managing devices at the EDGE of your network.

Environments Change - Flex Keeps You Ahead

Every environment is different so why get locked into purchasing a pre-defined solution? If your retail or remote office doesn't need all those ports, why should you have to pay for them?

With NodeGrid Flex, that's no longer the case. mix and match the port configurations that you need for your particular environment. Configure your device for best fit of your environment.

NodeGrid Flex Base Model
- 2 Gb Ethernet Ports
- 4 Serial Ports
- 1 USB 3.0 Port
- 3 USB 2.0 Ports
- 1 VGA Port

Expansion Ports - Any Two Cards
- 4-Port Gb Ethernet
- 8-Port Serial
- 6-Port USB

Perfect For Retail and Remote Offices

With Retail and Remote office locations needing connectivity, NodeGrid Flex serves as a perfect solution to keeping those locations functioning properly. With NodeGrid, accessing devices at the EDGE of the network is not only easy, but also safe and secure. With the ability to add wi-fi connectivity and 4G LTE failover, locations without IT personnel on staff are just a simple session away from resolution.

Applications

- Data Center
- Test Lab Environments
- Retail & Remote Offices
- Finance, Healthcare, Biotech
- Telecommunications
- Internet, Social, Search

Extends Security To The EDGE

NodeGrid Flex operates on the EDGE of the network while keeping things safe and secure. With SSL VPN, IPsec, Firewall and TLS 1.2 capabilities built in, you can rest assured knowing that your EDGE network vulnerabilities associated with other OOB solutions are made secure with NodeGrid Flex.

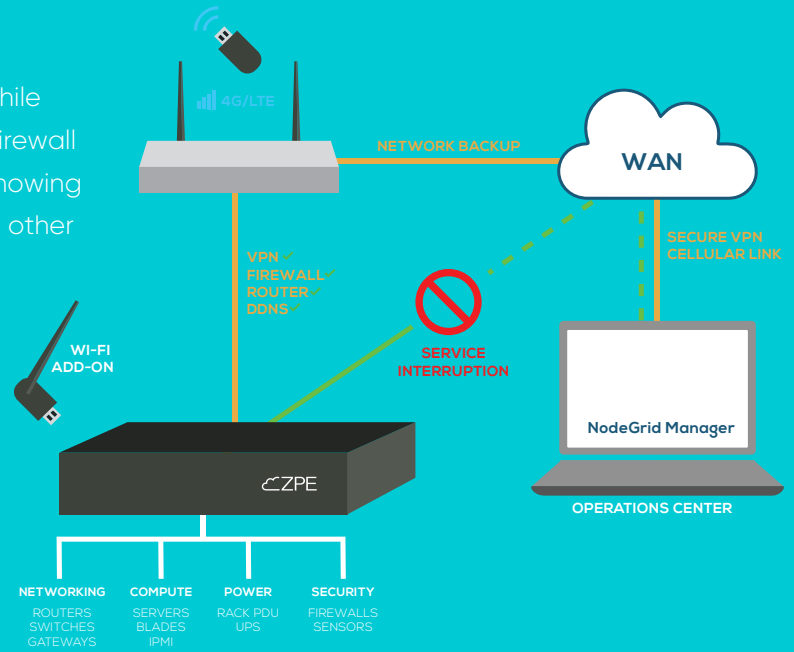## Selectable encrypted cryptographic protocols and cypher suite levels.

SSL VPN   **Firewall**

IPsec   **TLS 1.2**

4G/LTE

NETWORK BACKUP

WAN

SECURE VPN CELLULAR LINK

VPN ✓
FIREWALL ✓
ROUTER ✓
DDNS ✓

WI-FI ADD-ON

SERVICE INTERRUPTION

NodeGrid Manager

OPERATIONS CENTER

ZPE

NETWORKING	COMPUTE	POWER	SECURITY
ROUTERS SWITCHES GATEWAYS	SERVERS BLADES IPMI	RACK PDU UPS	FIREWALLS SENSORS

NodeGrid Flex at a Glance

- **Minimizes MTTR**, downtime and expenses with secure, centralized remote device access & control
- **Increases site reliability** with open industry standard hardware, and easy-to-use software
- **Flexible and Expandable** – add-on cards for more Serial, USB, or Ethernet ports
- **Zero Touch Provisioning (ZTP)** for fast setup in remote locations
- **Failover to 4G/LTE modem**, Gateway and multi-routing table capability
- **Power control and monitoring** – get alerts on sub-optimal IT device health and solve problems automatically
- **Extended Automation** based on actionable real-time data
- **Modern 64-bit Linux kernel** for fast security patching and widespread software availability
- **Direct Linux shell**, HTML5 cross-device web access and command line interface
- **Docker-optimized** for flexible script and application integration Integrates with ZPE Systems NodeGrid Manager vendor-neutral, unified management solution
- **Orchestration** – Puppet and Chef

Ordering Information

Base Unit

- **NFX-T4F-BASE-SAC** - Server with front-to-back fans
- **NFX-T4B-BASE-SAC** - Server with back-to-front fans

Accessories

- **NFX-FAN-F2B** - Front-to-Back fan
- **NFX-FAN-B2F** - Back-to-Front fan

Expansion Cards (mix and match up to two)

- **NFX-4ETH-EXPN** - 4-Port 1Gb Ethernet
- **NFX-6USB-EXPN** - 6-Port USB Type A
- **NFX-8SRL-EXPN** - 8-Port Serial DB9

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