Nodegrid Serial Console Plus™

Secure Remote Access and Control for IT Devices

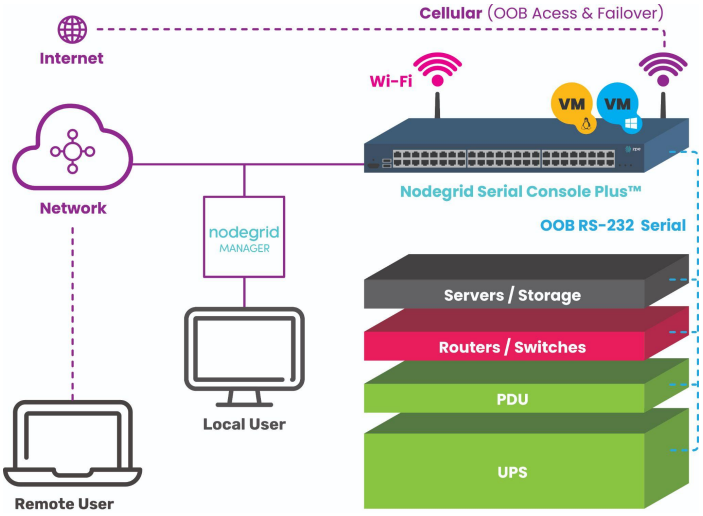


Nodegrid Serial Console Plus ™ (NSCP) is the data center's next generation of serial console server, providing secure, hyperscale remote access and power management to all IT devices, regardless of manufacturer.

It provides fast, secure, and reliable In-Band and Out-of-Band access to server, network, storage, power, and other serial console devices for faster problem resolution. When coupled with ZPE®'s vendor-neutral **Nodegrid Clustering Feature,** IT staff immediately gains centralized access to NSCP devices and all other physical and virtual devices (VM, Service Processor and KVM/IP) managed by the software, providing a truly hyper-converged infrastructure management solution).

Benefits

- **Reduce CAPEX & OPEX expenses** with a consolidated, extensible solution with automated management
- **Reduce downtime** & trips to remote locations with instant remote access
- **Minimize MTTR & downtime expenses** with secure, centralized remote device access & control
- **Increase site reliability** with open industry-standard hardware & easy-to-use software



Features

- **Gen 3 Out-of-Band Management Integration**
- **Extensible Applications** with virtualization & containers
- **Centralized Configuration & Automation** via Zero-Touch-Provisioning (ZTP)
- **Integrates with ZPE Cloud & Nodegrid Clustering Feature** for a vendor-neutral, unified management solution
- **Modern x86_64bit Linux Kernel** for fast security patching & widespread software availability
- **Extended Automation** based on actionable data
- **Failover to 4G LTE & Wi-Fi**
- **Encrypted data transit** with SSL, & IPSec & Wireguard VPN technologies
- **Built in firewall**
- **Secure** Selectable encrypted cryptographic protocols & cypher suite levels, configuration checksum™
- **Power Control & Monitoring** Get alerts on IT device health & solve problems automatically
- **Automation Orchestration** Puppet, Chef, Ansible, RESTful APIs

Simple & Fast

No more waiting! Easy to deploy & configure, NSCP's lightning-fast multi-core x86_64 CPU, large memory, SSD, and modern 64-bit OS can handle 1,000+ concurrent sessions, allowing for more operations, users, & I/O than any other serial console server.

Secure & Sustainable

Blends existing policy-based enterprise AD/LDAP/SAML authentication and authorization with the latest in cryptographic protocols and cypher suite levels, threat prevention, up-to-date SSL and SSH data encryption, IP filtering, secure boot, self-encrypted disk, TPM, and a system configuration checksum™ to keep your information secure.

Reliable & Scalable

Deployed by the biggest tech and financial companies in the world; Designed by award-winning console industry veterans. Built using reliable and open modular industry-standard hardware components.

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Technical Specifications

Connectivity
- Dual SFP+ Ethernet ports & Gigabit Ethernet ports
- Dual SIM LTE, Console Port, Wi-Fi
- 2X SFP+ Ethernet ports
- Multiple Routing Tables
- 2X Gigabit Ethernet ports
- Failover to 4G LTE modem

Managed Power Devices
Vendor-neutral PDU support

Managed IPMI Devices
OpenBMC, HP iLO, Dell iDRAC, Supermicro/Quanta IPMI, IPMI 2.0 compatible devices, Cisco CIMC/UCS, IBM IMM, Oracle ILOM, EMC/NetApp Storage IPMI

Sensors
Support for a wide range of USB sensors

Networking
- IPv4 / IPv6 Support
- VLAN, Layer 3 Routing, BGP, OSFP, RIP, QoS, DHCP (Client & Server)

Port Access
- Direct access by port name, TCP port, device name & IPv4/IPv6
- High performance port login: <1 sec on SSH, <3 sec on Telnet
- 1000+ simultaneous sessions
- Port sharing
- Command Line Interface (CLI)
- Port custom field support, port icon configuration, port search
- Device clustering across multiple Nodegrid units
- Break-over SSH support

System Management
- Extensible, automated control based on actionable real-time data
- Web GUI management portal, web console, Command Line Interface (CLI), Linux root shell, SNMP, RESTful API
- Zero Touch Provisioning (ZTP) via LAN/DHCP, WAN/ZPE Cloud,
- USB for configuration & firmware updates
- Multiple & customizable user levels of access
- Auto-discovery via network scan & custom probes
- SNMPv1,v2 & SNMPv3-v1 IPv4/IPv6 with MD5, SHA-224, SHA-256, SHA-384, SHA-512, DES, AES-192, AES-256
- Orchestration Integration & Automation: Puppet, Chef, Ansible, RESTful, ZPE Cloud & Nodegrid Clustering Feature
- File sharing via FTP, NFS, SSHFS, Windows Sharing, web file browser, ZPE Cloud
- Remote Procedure Call (RPC, gRPC)
- NetFlow, LLDP

Access Protocols
HTTPS, SSHv2; (Optional) HTTP, Telnet & SSHv1

Device View Options
Tree, Table, Geo Map, Node, & WEB Interface with search

Data Logging & Notifications
- Local port buffering: 20 MB per port
- Local, NFS, syslog, offline data logging
- Time stamp & rotation for data logging
- Event destination: email, syslog, local, syslog, email, ZPE Cloud,
- Splunk & more
- Notification: syslog, email, ZPE Cloud, Splunk & more

Operating System
Built-in x86_64bit Nodegrid OS

Warranty
2-Year Limited Warranty

Security
- Hardened device with BIOS protection, TPM 2.0, UEFI Secure Boot, Signed OS, Self-Encrypted Disk (SED), Geofencing
- X.509 SSH certificate support, 4096-bit encryption keys
- Selectable cryptographic protocols for SSH & HTTPS (TLSv1.3,TLSv1.2, TLSv1.1, TLSv1)
- Selectable cypher suite levels: high, medium, low, custom
- IPsec, WireGuard, OpenSSL VPN with support for multi sites
- Local, AD/LDAP, RADIUS, TACACS+, Kerberos, authentication
- SAML 2.0 support via Duo, Okta, Ping Identity, ADFS
- Two-Factor Authentication with RSA & DUO
- Local, backup-user authentication support
- User-access lists per port
- Group/Role-Based Authorization: AD/LDAP, RADIUS, TACACS+
- Fine grain & role-based access control
- Firewall: IP packet & security filtering, IP forwarding support
- MD5 / SHA System Configuration Checksum™
- System event logging to file, syslog, email, ZPE Cloud, Splunk & more
- Custom security settings
- Strong password enforcement

Power Specifications
- 40V-63 VDC dual power input (redundant)
- Single or Dual AC: 100-240 VAC, 50/60 Hz
- Power consumption 45 W typical
- Max Power 45W – BTU – 155 BTU

CPU & Storage (Upgrades Available)
- Intel x86_64 Quad-cores
- 4GB of DDR4 DRAM
- 32GB FLASH (mSATA SSD)

Interfaces
- 16, 32, 48, 96 RS-232 serial ports on RJ45 @ 230,400 bps max/port
- 1X RS-232 serial console port on RJ45
- 2X USB 3.0 Host on Type A connector
- 2X SFP+ 1/2.5/10GB & 2 Gigabit (10/100/1000BT) Ethernet interfaces on RJ45
- 1X HDMI output port •
- 1X Wi-Fi (Optional)
- 1X 4G LTE Radio
- 2X Dual SIM (Optional)

Physical
- Front-Rear Mounting Brackets
- Size (L X W X H): 443 X 312 X 43 mm (17.4 X 12.3 X 1.7 in), 1U
- Weight: 5.265 kg (11.6 lb), depending on options
- Shipping Weight: 8.745 kg (19.3 lb)
- Shipping (L X W X H): 533 X 497 X 209 mm (21 X 19.6 X 8.3 in)

Environmental
- Operation: 0 to 60° C (32°F to 140° F), 5-95% RH, non-cond.
- Storage: -20 to 67° C (-4°F to 153° F), 5-95% RH, non-cond.

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Ordering Information

Channel SKU	Description	CPU	Memory	Power	Ports
ZPE-NSCP-T16R-STND-SAC	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	16
ZPE-NSCP-T16R-STND-DAC	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription. Max Power 45W – BTU – 155 BTU	4 Cores	4	Dual AC	16
ZPE-NSCP-T16R-STND-DDC	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	16
ZPE-NSCP-T16R-STND-SAC-W5	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	16
ZPE-NSCP-T16R-STND-DAC-W5	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	16
ZPE-NSCP-T16R-STND-DDC-W5	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	16
ZPE-NSCP-T16R-STND-SAC-4G	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	16
ZPE-NSCP-T16R-STND-DAC-4G	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	16
ZPE-NSCP-T16R-STND-DDC-4G	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	16

Ordering Information

Channel SKU	Description	CPU	Memory	Power	Ports
ZPE-NSCP-T16R-STND-SAC-W5-4G	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	16
ZPE-NSCP-T16R-STND-DAC-W5-4G	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	16
ZPE-NSCP-T16R-STND-DDC-W5-4G	ZPE Nodegrid Serial Console Plus. 16-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	16
ZPE-NSCP-T32R-STND-SAC	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	32
ZPE-NSCP-T32R-STND-DAC	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription. Max Power 45W – BTU – 155 BTU	4 Cores	4	Dual AC	32
ZPE-NSCP-T32R-STND-DDC	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	32
ZPE-NSCP-T32R-STND-SAC-W5	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	32
ZPE-NSCP-T32R-STND-DAC-W5	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	32
ZPE-NSCP-T32R-STND-DDC-W5	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	32

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Ordering Information

Channel SKU	Description	CPU	Memory	Power	Ports
ZPE-NSCP-T32R-STND-SAC-4G	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	32
ZPE-NSCP-T32R-STND-DAC-4G	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	32
ZPE-NSCP-T32R-STND-DDC-4G	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	32
ZPE-NSCP-T32R-STND-SAC-W5-4G	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	32
ZPE-NSCP-T32R-STND-DAC-W5-4G	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	32
ZPE-NSCP-T32R-STND-DDC-W5-4G	ZPE Nodegrid Serial Console Plus. 32-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	32
ZPE-NSCP-T48R-STND-SAC	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	48
ZPE-NSCP-T48R-STND-DAC	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription. Max Power 45W – BTU – 155 BTU	4 Cores	4	Dual AC	48
ZPE-NSCP-T48R-STND-DDC	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	48

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Ordering Information

Channel SKU	Description	CPU	Memory	Power	Ports
ZPE-NSCP-T48R-STND-SAC-W5	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	48
ZPE-NSCP-T48R-STND-DAC-W5	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	48
ZPE-NSCP-T48R-STND-DDC-W5	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	48
ZPE-NSCP-T48R-STND-SAC-4G	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	48
ZPE-NSCP-T48R-STND-DAC-4G	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	48
ZPE-NSCP-T48R-STND-DDC-4G	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	48
ZPE-NSCP-T48R-STND-SAC-W5-4G	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	48
ZPE-NSCP-T48R-STND-DAC-W5-4G	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	48
ZPE-NSCP-T48R-STND-DDC-W5-4G	ZPE Nodegrid Serial Console Plus. 48-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	48

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Ordering Information

Channel SKU	Description	CPU	Memory	Power	Ports
ZPE-NSCP-T96R-STND-SAC	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	96
ZPE-NSCP-T96R-STND-DAC	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	96
ZPE-NSCP-T96R-STND-DDC	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	96
ZPE-NSCP-T96R-STND-SAC-W5	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	96
ZPE-NSCP-T96R-STND-DAC-W5	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	96
ZPE-NSCP-T96R-STND-DDC-W5	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 Dual Stream). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	96
ZPE-NSCP-T96R-STND-SAC-4G	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	96
ZPE-NSCP-T96R-STND-DAC-4G	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	96
ZPE-NSCP-T96R-STND-DDC-4G	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. 4G/LTE (CAT 12). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	96

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Ordering Information

Channel SKU	Description	CPU	Memory	Power	Ports
ZPE-NSCP-T96R-STND-SAC-W5-4G	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Single AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Single AC	96
ZPE-NSCP-T96R-STND-DAC-W5-4G	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Dual AC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual AC	96
ZPE-NSCP-T96R-STND-DDC-W5-4G	ZPE Nodegrid Serial Console Plus. 96-port Cisco Rolled, Dual DC, 4-Core Intel CPU, 4GB DDR4, 32GB SSD, 2 SFP+, 2 GbE, 2 USB 3.0, 1 HDMI, 1 console. Wi-Fi 5 (2X2 dual stream) & 4G/LTE (CAT 12). Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4	Dual DC	96

Support

ZPE-NSCP-T96R-STND-ALL-EW3G	ZPE Nodegrid Serial Console Plus 96-port, All Models 3Y 24X7 Gold Upgrade Support
ZPE-NSCP-T16R-STND-ALL-EW1G	ZPE Nodegrid Serial Console Plus 16-port, All Models – 1Y 24X7 Gold Upgrade Support
ZPE-NSCP-T32R-STND-ALL-EW1G	ZPE Nodegrid Serial Console Plus 32-port, All Models – 1Y 24X7 Gold Upgrade Support
ZPE-NSCP-T48R-STND-ALL-EW1G	ZPE Nodegrid Serial Console Plus 48-port, All Models – 1Y 24X7 Gold Upgrade Support
ZPE-NSCP-T96R-STND-ALL-EW1G	ZPE Nodegrid Serial Console Plus 96-port, All Models – 1Y 24X7 Gold Upgrade Support
ZPE-NSCP-T16R-STND-ALL-EW2G	ZPE Nodegrid Serial Console Plus 16-port, All Models – 2Y 24X7 Gold Upgrade Support
ZPE-NSCP-T32R-STND-ALL-EW2G	ZPE Nodegrid Serial Console Plus 32-port, All Models – 2Y 24X7 Gold Upgrade Support
ZPE-NSCP-T48R-STND-ALL-EW2G	ZPE Nodegrid Serial Console Plus 48-port, All Models – 2Y 24X7 Gold Upgrade Support
ZPE-NSCP-T96R-STND-ALL-EW2G	ZPE Nodegrid Serial Console Plus 96-port, All Models – 2Y 24X7 Gold Upgrade Support
ZPE-NSCP-T16R-STND-ALL-EW3G	ZPE Nodegrid Serial Console Plus 16-port, All Models – 3Y 24X7 Gold Upgrade Support
ZPE-NSCP-T32R-STND-ALL-EW3G	ZPE Nodegrid Serial Console Plus 32-port, All Models – 3Y 24X7 Gold Upgrade Support
ZPE-NSCP-T48R-STND-ALL-EW3G	ZPE Nodegrid Serial Console Plus 48-port, All Models – 3Y 24X7 Gold Upgrade Support
ZPE-NSCP-T96R-STND-ALL-EW3G	ZPE Nodegrid Serial Console Plus 96-port, All Models – 3Y 24X7 Gold Upgrade Support

Scan for Product Certifications

NOTE: If you need more storage or other combinations, contact ZPE Sales: **sales@zpesystems.com**

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