



Nodegrid Serial Console Plus™

Secure Remote Access & 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**,

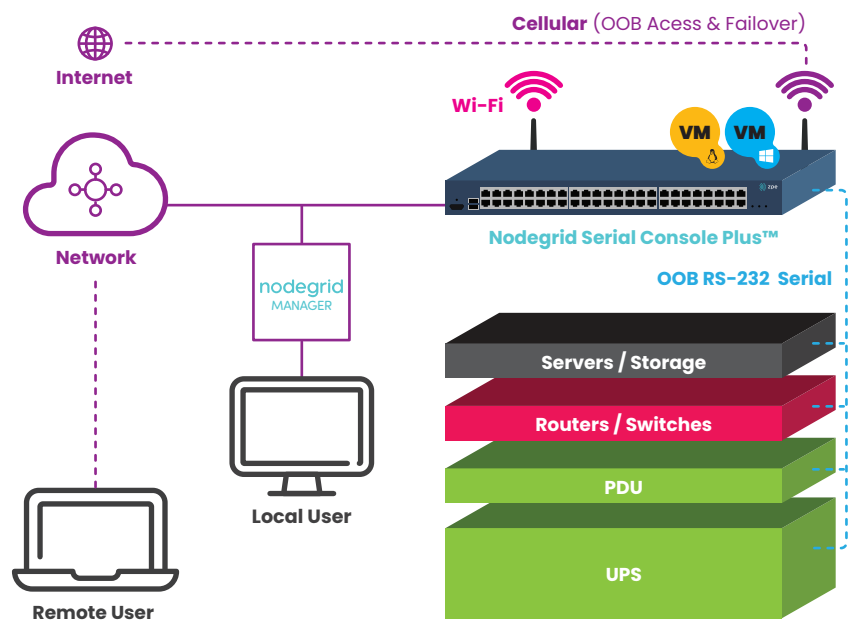
IT staff immediately gains centralized access to NSCP devices and all other physical and virtual devices (VM, Service Processor and KVM/IP) managed by the software, providing a truly hyper-converged infrastructure management solution).

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/5G/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.

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 5G/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, OSPF, 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, off-line 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

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 5G/4G/LTE Radio
- 1X Wi-Fi (Optional)
- 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.



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	4GB	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.	4 Cores	4GB	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. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	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	4GB	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.	4 Cores	4GB	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. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	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	4GB	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.	4 Cores	4GB	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. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	48

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	4GB	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	4GB	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. AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	96
WITH WI-FI					
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	16
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	32

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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	48
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	96
WITH 4G					
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	16

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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	32
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	48
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	96

Ordering Information

Channel SKU	Description	CPU	Memory	Power	Ports
WITH 4G & WI-FI					
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	16
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	32
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	4GB	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	4GB	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). AC power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	48

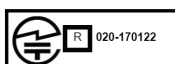
Ordering Information

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	4GB	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	4GB	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). AC Power adaptor & cord included. Order ZPE Cloud & app subscription. Includes Standard 2-Year Support, HW warranty, & 90-day ZPECloud.com subscription.	4 Cores	4GB	Dual DC	96

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


FCC ID: 2ARCQ-EM7565
IC: 24339-EM7565

FCC ID: N7NEM91
IC: 2417C-EM91

FCC ID: RYK-261ACNBT
IC: 6158A-261ACNBT


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