

7006e Core Switch 48 Ports



AI Overview

The 7006e Core Switch is a 48-port network switch designed for small to medium enterprise core or aggregation roles, offering high-speed connectivity, redundancy, and manageability.

Overview and Use Case

The 7006e series, including the PoE variant, is suitable as a core or aggregation switch in small to medium-sized networks, providing 48 ports for high-density connectivity. It is ideal for campus networks, branch offices, or smaller data centers where a full modular chassis may not be required. The switch supports high-speed uplinks and can handle long-distance SFP connections, ensuring reliable data transmission across the network .

Key Features

- Port Configuration: 48 ports, typically supporting 1GE SFP or PoE depending on the model, allowing connection of multiple devices or servers .
- Uplink Options: Many 48-port core switches, including comparable models like Ruijie RG-S5760C-48SFP4XS-X, provide 4 x 1GE/10GE SFP+ uplinks for high-speed aggregation .
- Redundancy and Reliability: Dual flash chips for boot redundancy, hot-swappable power modules, and fast failover capabilities ensure continuous operation and network stability .
- Virtualization and Scalability: Supports VSU or IRF virtualization, allowing multiple physical switches to operate as a single logical unit, improving bandwidth utilization...

Article Content

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Flexible Erweiterungsmöglichkeiten: Der Nuvo-7006E-PoE bietet mehrere PCIe-Steckplätze, um individuelle Anforderungen zu

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Neousys technology Nuvo-7006E-PoE Manuals | ManualsLib

Manuals and User Guides for Neousys Technology Nuvo-7006E-PoE. We have 1 Neousys Technology Nuvo-7006E-PoE manual

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48-Port 10G/25G L3 Aggregation Fiber Switch mit 8 100G Uplinks

Zyxel CX4800-56F Hochleistungs 100G/25G Layer 3 Aggregations-Switch mit Nebula Cloud, 4,0 Tbps Kapazität und

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GWN7806 (P) Enterprise-Grade Layer 2+ Managed Network Switch The GWN7806 (P) is a high-performance layer 2+ managed

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7520 | Extreme Networks

The Extreme 7520 are purpose-built 48-port 10Gb and 48-port 25Gb switches designed for high-performance aggregation and core

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S7600-48Y8C, 48-Port Managed Layer 3+ 25G Ethernet Switch

S7600-48Y8C, 48-Port Ethernet L3 Switch, 48x 25G SFP28, 8x 100G QSFP28 Uplinks, Support MLAG, VXLAN

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All Switches Products

Cisco has a comprehensive portfolio of network switches and switching solutions for enterprise networks, data centers and small

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RG-NBS7006 Layer 3 Chassis Cloud Managed Switch

Up to 4000 terminal devices or 2000 IP cameras (2mp H.265) can be accessed. Determine the quantity based on the type and

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IRON LINK 48 Port 10 Gigabit SFP+ Managed Core Switch

The IronLink ® IL-S4800XF-2AC is a high-performance 48-port 10GbE managed core switch designed to handle demanding network

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Huawei CloudEngine 6863E-48S6CQ Data Center

CloudEngine 6863E series switches provide 48*25GE SFP28 ports and 6*40GE/100GE QSFP28 ports.

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Extreme Networks 7520-48XT Switch with 48x10/1G Ports

The Extreme 7520 are purpose-built 48-port switches designed for high-performance aggregation and core applications. As a

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Cisco Catalyst 4948 Switch Data Sheet

This data sheet describes the benefits, specifications, and ordering information for the Cisco Catalyst 4900 Series

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48-Port 10G Ethernet L3 Stackable Fiber Switch with 2x 40G

S7300-48X2Q4C, 48-Port Ethernet L3 Switch, 48x 10G SFP+, with 2x 40G QSFP+ and 4x 100Gb QSFP28 Uplinks, Support

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Campus Switches RG-S5760C-48SFP4XS-X 48-Port GE All-Optical

Aggregation switch for small and medium-sized campus networks, with 4 x 1GE/10GE SFP+ uplink ports for high-speed data

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Cisco Nexus 7000 F2-Series Enhanced 48-Port Fiber 1 and 10 Gigabit ...

This data sheet describes the benefits, specifications, and ordering information for the Cisco Nexus 7000 Series Switches.

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Cisco C9300-48P-E 48-Port 1G PoE+ Switch Price

The Cisco C9300-48P-E is an enterprise-class switch, purpose-built for high-performance, scalable, and secure network

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HPE Aruba Networking CX switches

HPE Aruba Networking CX 6400 Switch Series High-availability modular chassis and line card switches for versatile edge

Dec 05, 2025

HPE Aruba Networking CX 6300M 48P CL4 & 4P

Options include 24 to 48-port of HPE Smart Rate multi-gigabit (1/2.5/5/10GbE) and 1GbE fiber, supporting

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OS6860E-P48-US | Alcatel-Lucent Switch | OmniSwitch 6860 Series

Shop Alcatel-Lucent OS6860E-P48-US switch with 48 PoE+ ports, Gigabit speed and Layer 3 at NetworkTigers new or refurbished.

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H3C S7500X Enterprise Core Switch Series

Wire Speed 10G/40G/100G Line CardVirtualization Technologies - IRF2Virtualization Technologies -Mdc CapabilityDc-Oriented FeaturesComprehensive MPLS/VPLS CapabilityHigh-Performance IPv4/IPv6 Service CapabilitiesHardware Level Encryption Technology MACsecMDC virtualizes one S7500X switch into multiple logical switches, enabling multiple services to share one core switch. The 1:N virtualization maximizes switch utilization, reduces network TCO, and ensures isolation of services.See more on h3c Images of 7006e Core Switch 48 Ports48 Port Switch48-Port Network SwitchCisco 48-Port Switch48 Port Gigabit Switch48-Port PoE Switch48-Port Ethernet SwitchSwitch Hub 48-Port48-Port SFP SwitchTP-LINK 48-Port SwitchS5860-48M4X2Q 48-Port Core Switch 2.5G/10G/40G | E-link48-Port 10G L3 Core Switch Enterprise SONiC Open NetworkSwitches 48 ports : Ports Gigabit, PoE et bien plus encore | NETGEAR48 Port Data Center Switch CE6866-48S8CQ-P - Intelligent & Reliable48 Port Network Switch | High-Performance Layer 3 Switch48-Port 2.5G Access Switch Enterprise SONiCNETGEAR GS348PP: Switch, 48-Port, Gigabit Ethernet bei reichelt elektronik48-Port Managed Gigabit Stackable L2+ PoE Switch including 4 Combo SFP ...SG6654XHP | Omada 48-Port Gigabit Stackable L3 Managed PoE+ Switch mit ...48 Port Switches: Gigabit, PoE, & More | NETGEARSee all imagesOMTEC

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Cisco Nexus 7000 M1-Series 48-Port Gigabit Ethernet Modules with

The Cisco Nexus 7000 M1-Series 48-Port Gigabit Ethernet Modules with XL Option provide 48 Gbps of local switching

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