

Gigabit Aggregation Switch with Monitoring



AI Overview

Gigabit aggregation switches combine high-speed uplinks with advanced monitoring and management features, ideal for enterprise and industrial networks. Key Features of Gigabit Aggregation Switches

- Port Configuration and Speed:** Modern aggregation switches typically offer multiple Gigabit SFP ports and 10G SFP+ uplinks. For example, the Grandstream GWN7831 provides 24 SFP ports, 4 SFP+ ports, and 4 combo Gigabit ports with a maximum switching capacity of 128 Gbps, suitable for medium-to-large enterprises. Industrial models support multiple Gigabit and 10G SFP uplinks for flexible deployment.
- Management and Monitoring:** These switches support SNMP, CLI, Web, and SSH interfaces for monitoring and configuration. Cloud-based platforms like GWN.Cloud and on-premise tools like GWN Manager allow centralized monitoring, traffic analysis, and configuration management. Industrial switches also provide redundant power inputs, fanless cooling, and wide temperature operation for reliable monitoring in harsh environments.
- Traffic Control and Security:** Advanced features include VLANs for traffic segmentation, QoS for prioritizing critical traffic, IGMP/MLD snooping for multicast optimization, 802.1X authentication, ACLs, and storm control. These capabilities ensure secure, efficient, and low-latency data transmission across the network.
- Deployment Scenarios:** Aggregation switches serve as the backbone between access and core layers. They are ideal for connecting multiple access switches, server racks, storage devices, or OLTs in FTTH networks, and for industrial automation, surveillance, and IoT infrastructure. Compact form factors like 1U rack-mount or DIN rail allow flexible installation in data centers or industrial cabinets.

Recommended Models Grandstream GWN7830/GWN7831 Series: Layer 3 managed switches with full monitoring, VLAN, QoS, and cloud management...

Article Content

Fortinet FortiSwitch 148F POE 48-Port Managed Switch, 24-Port

Best Price Guarantee We offer the best price for Fortinet FortiSwitch 148F POE 48-Port Managed Switch, 24-Port PoE+, 48x Gigabit RJ45 + 4x 10G SFP+, 370W PoE Budget, Layer 2

24-Port Gigabit Ethernet L3 Stackable Fiber Switch with 8x 1G RJ45 ...

Explore QSFPTEK S5300-24S8T6X L3 gigabit Ethernet switch! The 24 port switch supports static routing, RIP, BGP, OSPF, ideal for deployment as an aggregation switch in SMBs, enterprise and

Cisco Catalyst 3750 Series Switches Data Sheet

In addition, the Cisco Catalyst 3750 Series is optimized for high-density Gigabit Ethernet deployments and includes a diverse range of switches

Aggregate traffic from SPAN ports and network taps | Gigamon

Aggregate traffic from SPAN ports and network taps with Gigamon to gain centralized visibility, enhance threat detection, and strengthen network security posture.

Omada 28-Port Gigabit Smart Switch with 24-Port PoE+

Highlights 24x Gigabit 802.3af/at PoE+ ports and 4x Gigabit SFP slots 250 W total PoE budget with up to 30 W PoE output per port Centralized cloud management via the web or the

24-Port 25G Ethernet Aggregation Switch SONiC Marvell Aldrin 3

24-port ethernet Layer3 switch, 24x 25GBASE-T multi-gigabit ports with 2 x 100Gb QSFP28/40Gb QSFP+ ports, enterprise SONiC distribution preloaded.

28-port GbE L3 Aggregation Switch with 4 SFP+ Uplink

The XGS4600 Switch Series comes with Gigabit connectivity and four integrated 10-Gigabit SFP+ slots that enable high-speed uplink connections for affordable, reliable network elements.

ECS4650-54T

Positioned as a cloud-edge access/aggregation switch, it seamlessly connects IoT and other devices in enterprise and SMB deployments. It serves as an ideal Gigabit access/aggregation switch for SMBs,

Fortinet FortiSwitch 248E-FPOE 48-Port Gigabit PoE+ Managed Switch

Robust Media and Switching Performance The Fortinet FortiSwitch 248E-FPOE 48-Port Gigabit PoE+ Managed Switch delivers a robust line-rate switching capacity of 104 Gbps combined with an

Ubiquiti UniFi 8-Port 10 Gigabit SFP+ Aggregation Switch

Preisvergleich 15 Angebote für Ubiquiti UniFi 8-Port 10 Gigabit SFP+ Aggregation Switch Wir verschaffen dir Transparenz beim Online-Shopping. Dazu arbeiten wir mit vielen Netzwerken

PS3016GS 16 Port Gigabit Layer2 Managed PoE Switch

PS3016GS 16 Port Gigabit Layer2 Managed PoE Switch 16 10/100/1000Mbps RJ45 ports (POE), 2 Gigabit SFP fiber optic ports Supports SNMP, RMON, Syslog, USB features, as well as multiple

Cisco Switch Selector

This versatile modular switch is designed for high-density, end-of-row, and high-performance aggregation-layer deployments in both traditional and Cisco

Traffic Aggregators | TAP Aggregators | Visibility Nodes

Traffic aggregators are low-cost, entry-level visibility appliances that aggregate traffic from TAPs and SPANs across the network, and optimize monitoring tools by filtering on traffic that matters.

ECS4650-54P

The ECS4650-54P excels in various roles, from a high-performance Gigabit access or aggregation switch to a robust enterprise core switch. It's particularly well-suited for cloud-edge deployments,

Ubiquiti UniFi 24-Port Gigabit PoE+ Compliant Managed USW-24-POE

Expand your business's network with the fully manageable UniFi 24-Port Gigabit PoE+ Complaint Managed Switch from Ubiquiti. Designed for a rack mount or desktop installation, this passively

Aggregation Network Switches | Grandstream Networks

These aggregation switches support advanced VLAN for flexible traffic segmentation, advanced QoS for prioritizing network traffic, IGMP/MLD

Aggregation Switches | Managed Core Network

Built with a durable metal enclosure and advanced switching architecture, the Aggregation Switch supports multiple Gigabit and 10G SFP uplinks for flexible

Ubiquiti UniFi Pro Aggregation Switch USW-PRO-AGGREGATION

Ubiquiti UniFi Pro Aggregation Switch Build and expand your network with the UniFi ® Switch, part of the Ubiquiti Networks ® UniFi Enterprise System. The UniFi Switch, model USW-Aggregation-Pro, is

HPE Aruba Networking CX switches

HPE Aruba Networking CX 6300 Switch Series Layer 3 stackable access and aggregation switches with Multi-Gigabit Ethernet, High Power PoE, and up to 100G. New 1G option is optimized for IoT density.

14 Best Managed Network Switches for Seamless

Discover the top managed network switches of 2026. Find the best overall, value, beginner-friendly options, and more in this detailed roundup.

24GE 4*SFP Gigabit Layer 3 Managed Switch Link Aggregation

WS3028GM Layer 3 Gigabit Managed Switch supports 24 Gigabit Ethernet ports, 4 Gigabit SFP optical ports and 1 management port. The switch provides advanced network management features:

NETGEAR GS724TP Review: 26-Port PoE Smart Switch

Product Specifications The GS724TP packs 24 Gigabit Ethernet ports and two 1G SFP slots into a 26-port PoE+ smart switch, delivering 1,000 Mbps per port and a 190 W total PoE budget

IP-COM Switch 8Port Gigabit 9xGE+1xSFF PoE 102W G2210P Cloud

TEG2210P-8-120W 9GE+1SFP Cloud Managed PoE Switch - Support QVLAN, DHCP Snooping, loop protection,etc - Single port output power 30W, maximum output power 110W - Support Web platform

Contact Us

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