S3260-10S PicOS® Switch Data Sheet

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Product Overview

The S3260-10S PicOS® enterprise switch delivers high availability, scalability, and performance for enterprise campus deployment. The switch is a compact 1U Layer 3 switch featuring 10×10Gb SFP+ and 2×10/100/1000BASE-T ports, delivering wire-speed performance with up to 204 Gbps switching capacity and 153 Mpps forwarding rate.

S3260-10S switch runs PicOS® with a perpetual license, the switch supports VLAN, LACP, STP/RSTP, QoS, and IGMP without additional licensing and includes five years of hardware and software support. Ideal for large-scale campus access, small to medium-sized networks, and branch office aggregations.

The S3260-10S can be managed by the AmpCon-Campus management platform, offering Day 0 to Day 2+ automated lifecycle management with Zero Touch Provisioning (ZTP), topology discovery, and real-time telemetry. AmpCon-Campus automates workflows, simplifies operations, and enhances visibility into the performance of connected devices.



Figure 1. S3260-10S Switch

Features and Benefits

PicOS® Operating System

The S3260-10S switch runs on the PicOS®. This unified operating system allows users to manage networks more efficiently and deploy new services more quickly, allowing all PicOS®-powered products to be updated simultaneously with the same software release. All features are fully regression tested, making each new release a true superset of the previous version.

AmpCon-Campus Management Platform

AmpCon-Campus management platform centrally manages PicOS® enterprise switches, providing automated full lifecycle management from Day 0 to Day 2+, enabling efficient automated deployment and configuration, monitoring, and troubleshooting.

- **Day 0:** Enables Zero Touch Provisioning (ZTP), allowing the switch to automatically retrieve and apply initial configuration files without manual setup.
- **Day 1:** Fast deployment and configuration with Zero-Touch Provisioning (ZTP) and automation. AmpCon-Campus leverages ZTP for hands-free configuration of PicOS® enterprise switches, powered by flexible configuration templates that enable hundreds to thousands of switches to be deployed rapidly at scale with minimal errors.
- **Day 2+**: Support Telemetry, collecting real-time device data and sending it to the AmpCon-Campus management platform. It enables switch health monitoring and anomaly detection, providing fault alerts and triggering email notifications to help administrators quickly diagnose and resolve network issues, streamlining IT operations, and enhancing the user experience.

For more information, see AmpCon-Campus Management Platform.

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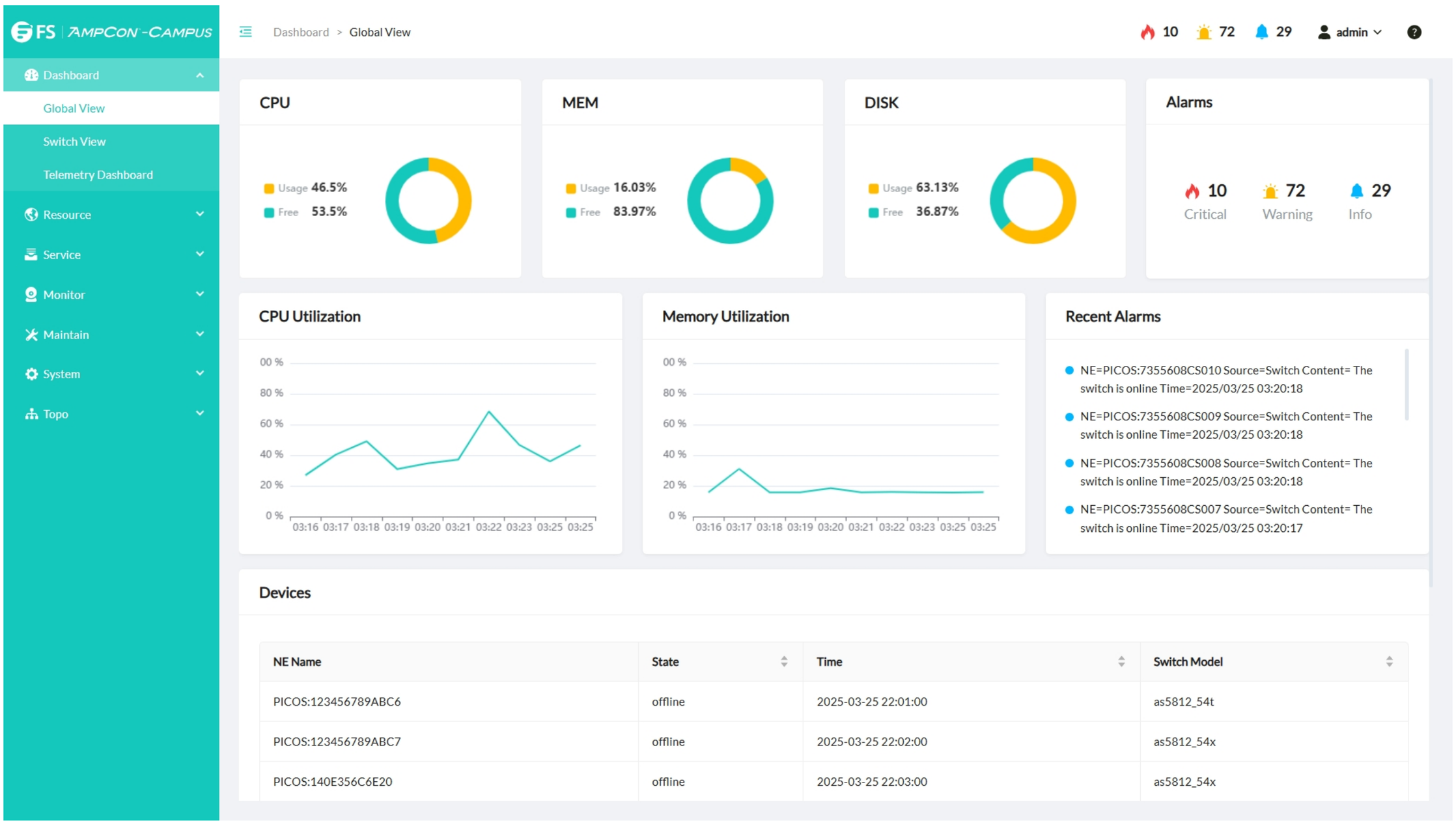


Figure 2. AmpCon-Campus Management Platform

Security

The S3260-10S switches provide flexible and comprehensive network access control and device-level protection through features such as ACLs, SSH, and DHCP Snooping, which effectively manage network access, enhance security, and optimize resource usage.

High Availability

The S3260-10S switch also includes a variety of other high-availability features, including redundant power supplies and smart fans, graceful protocol restart, Link Aggregation (LACP), Spanning Tree Protocols (STP), and QoS, ensuring maximum uptime and reliability for mission-critical network operations.

Product Specifications

Physical Specifications

Tables 1 through 2 show the FS S3260-10S switch physical specifications.

ⓘ Notice:
- Port Density includes both native xxG ports and ports that support downshifting.

Table 1. Physical specifications of the S3260-10S Switch

FS P/N	S3260-10S
Description	10-Port Ethernet L3 Managed Switch, 10 x 10Gb SFP+, with 2 x Gigabit RJ45, PicOS®
Port	
1G port density	12
10G port density	10
Management Ports	-

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Console Port	1
USB Port	-
Memory and processor	
Switch chip	Realtek9313
CPU	Dual-Core 1GHz MIPS InterAptive CPU
DRAM	512MB
Flash memory	64MB
Latency	-
Packet buffer	2 MB
Weight & Dimension	
Weight	3.20 lbs (1.45kg)
Dimension	1.73''x11.02''x7.09'' (44x280x180mm)
Rack units (RU)	1 RU
Power supplies and fans	
Power supply	2 Built-in
Power-supply input receptacles	C13
Input-voltage range and frequency	100-240VAC, 50/60Hz
Input current	1.2A
Max. power consumption	26W
Fan number	2 Built-in
Airflow	Front-to-Back
Acoustic noise	39dB
Environmental Ranges	
Operating temperature	0 to 45ºC (32 to 133°F)
Storage temperature	-40 to 70ºC (-40 to 158°F)
Operating humidity	10 to 90% (Non-condensing)
Storage humidity	5 to 95% (Non-condensing)
Connectors	
Connectors and cabling	• 1GBASE-T ports: RJ-45 connectors, 4-pair Cat5e/Cat6/Cat6a UTP cabling • SFP transceivers: LC fiber connectors (single-mode) • SFP+ transceivers: LC fiber connectors (single-mode or multimode fiber)
Power connectors	• Customers can provide power to a switch by using the internal power at the back of the switch • Internal power supply connector: The internal power supply is an auto-ranging unit. It supports input voltages between 100 (115 for 1100WAC) and 240 VAC. Use the supplied AC power cord to connect the AC power connector to an AC power outlet

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> ⓘ Notice:
> - RJ45 ports can be used as 10/100/1000M ports for Ethernet connection, and do not support 1G-T copper transceivers.
> - SFP+ ports can be used for 1/10G connections.

Table 3. Power cord information of S3260-10S Switch

Countries	Power Cord Standard	Male Plug	Female Connector	Voltage Compatibility	Maximum Input Amps
United States, Canada, Mexico, Puerto Rico, Guam, Japan, Virgin Islands (U.S.)	US	NEMA 5-15P	IEC60320 C13	100-250V AC	10 A
United Kingdom, Hong Kong, Singapore, Malaysia, Maldives, Qatar, India	UK	BS1363	IEC60320 C13	100-250V AC	13 A
Continental Europe, South Africa, Switzerland, Italy, Indonesia	EU	CEE 7	IEC60320 C13	100-250V AC	16 A

> ⓘ Notice:
> - Power cords are matched according to the delivery destination.

Software Specifications

Table 3. Software Specifications of S3260-10S Switch

Functionality	Description
High reliability	• IEEE 802.3ad Link Aggregation (LACP) • Spanning Tree Protocols (STP/RSTP) • Voice VLAN • Storm Control
Security	• Access Control Lists (ACLs) • Enable or disable port security • DHCP Snooping
Device Management	• AmpCon-Campus Management Platform for Day 0, Day 1, and Day 2+ Configuration Deployment • Zero touch provisioning (ZTP) • SNMP v1/v2/v3 • Syslog management • Web management • Command-Line Interface (CLI) • Network Time Protocol (NTP)

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Layer 2 Features	• Spanning Tree Protocol (STP) • Loopback Detection • VLAN Port Mode: ACCESS, Trunk, Hybrid • VLAN: Port-based VLAN, MAC Trace, MAC-based VLAN • Link Aggregation and Link Aggregation Control Protocol (LACP) • Static Link Aggregation (LAG) Configuration • Static MAC entries and Dynamic MAC Address Learning • Voice VLAN
Quality of Service	• Traffic policing: guaranteed-rate, max-rate, Traffic classifier • Queue scheduler: SP WRR WFQ
Multicast	• IGMP v2/v3 snooping • Mrouter port, static group, unregistered flood

Platform Specifications

Table 4 shows the S3260-10S switch platform specifications.

Table 5. Platform Specifications of S3260-10S Switch

FS P/N	S3260-10S
Performance specifications	
Switching capacity	204 Gbps
Forwarding rate	153 Mpps
Total number of MAC addresses	32766
Total number of IPv4 routes (indirect routes)	12288
Total number of IPv4 host routes (direct routes and ARP)	8189
Total number of IPv6 routes (indirect routes)	4096
Total number of IPv6 host routes (direct routes and NDP)	2048
Total number of IPv4 multicast routes	1568
Total number of IPv6 multicast routes	2048
QoS ACL scale	IPv4: IFP 2304 / EFP 768 IPv6: IFP 1152 / EFP 768
Security ACL scale	IPv4: IFP 2304 / EFP 768 IPv6: IFP 1152 / EFP 768
VLAN IDs	4096
STP virtual ports (port* VLANs) for MST	64 x number of physical ports

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Total switched virtual interfaces (SVIs)	1023
Jumbo frame	9K

Standards Compliance

IEEE Standards

- IEEE 802.1D
- IEEE 802.1w
- IEEE 802.1Q
- IEEE 802.1p
- IEEE 802.3ad
- IEEE 802.1AB
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3ae

RFC – SPECIFIED MIBs

- RFC 1155 SMIv1
- RFC 1213 MIB II
- RFC 1905 Protocol Operations for SNMPv2
- RFC 1906 Transport Mappings for SNMPv2
- RFC 1907 Management Information Base for SNMPv2
- RFC 1908 Coexistence between SNMPv1 and SNMPv2
- RFC 2233 The Interface Group MIB using SNMPv2
- RFC 2578 SMIv2
- RFC 2579 SNMPv2-TC
- RFC 2580 SNMPv2-CONF
- RFC 2863 IF-MIB
- RFC 3411 SNMP Framework
- Pica8 Private MIB

Safety and Compliance

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Warranty, Service and Support

FS S3260-10S switch enjoys a 5-year limited warranty against defects in materials or workmanship. For more information on FS Returns & Refunds policy, visit FS Product Warranty or FS Return Policy.

FS provides a personal account manager, free professional technical support, and 24/7 live customer service for each customer.

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- Fast Response: Direct and immediate assistance from an expert.

For more information, visit FS Help Center.

Ordering Information

FS P/N	Product description
Switch hardware	
xx	S3260-10S, 10-Port Ethernet L3 Managed Switch, 10 x 10Gb SFP+, with 2 x Gigabit RJ45, PicOS®
AmpCon-Campus Management Platform	
LIS-AMPCON-CAM-FPSW-Foundation	AmpCon-Campus Management Platform 1/3/5-Year Subscription with Support Service for PicOS® Enterprise Switches, Support Remote Deployment and Automate Network Management

About FS

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Document History

New or revised topic	Described in	Date
Updates to FS S3260-10S Switches Data Sheet	Updated All	2025-1-9

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