



# FS S3260-16T4FP PoE+ Series Switch Typical Network Solution Instruction Manual

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## FS S3260-16T4FP PoE+ Series Switch Typical Network Solution Instruction Manual



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### Overview

S3260-16T4FP is a next-generation intelligent access switch launched for carrier's IP MAN and enterprise networks. It is equipped with 16x 10/100/1000BASE-T, 2x RJ45/SFP combo ports and 2x SFP uplinks and delivers a compact, cost-effective solution based on the high-performance hardware and FSOS platform. Supporting functions such as ACL, QinQ and QoS, its simple management mode and flexible installation can meet the requirement of any complicated scenarios.



## SMB Power Supply Solution Case Study

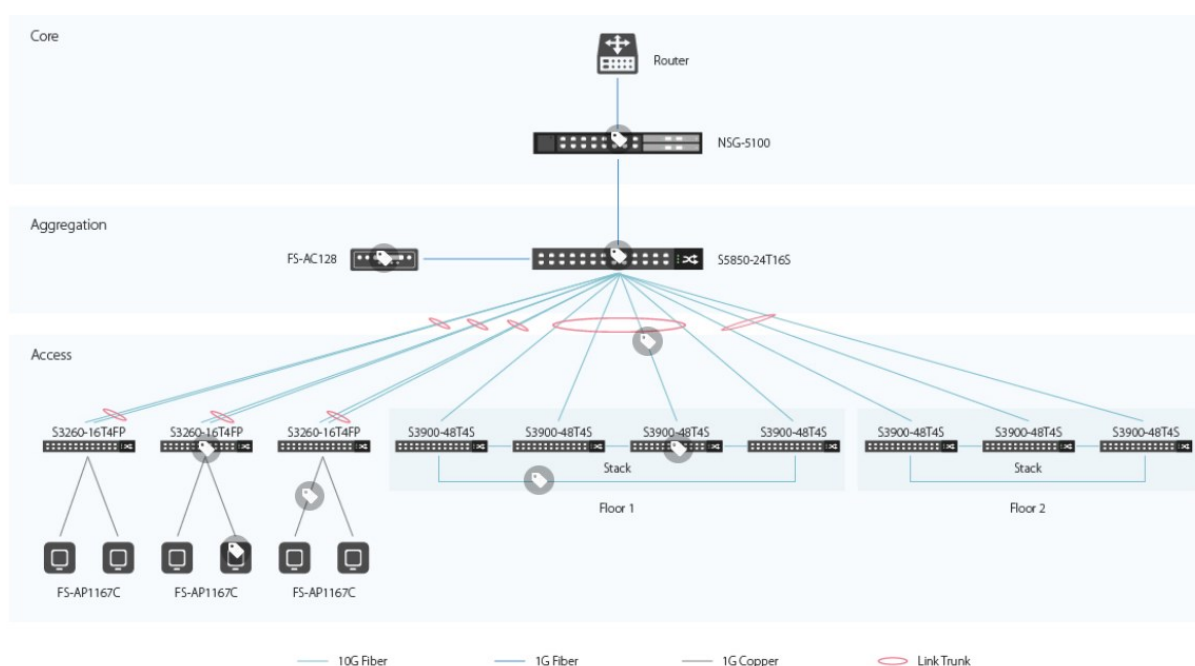
### Background

The client company has total of 2 floors, each floor has about 6-10 offices or meeting rooms and 5 different size of public office areas. This solution design needs to meet requirements of about 300 computers and empty wireless access devices connected to the network. He planned to set up an office local area network to provide employees with a secure network office environment, which can achieve security isolation between different business departments according to business needs and ensure information security

### Challenge

- The office network must be able to prevent external network hacker attacks, and to a certain extent, can defend against common DOS attacks, ARP attacks, and MAC / IP address spoofing attacks in office LANs.
- The system needs to be easy to maintain and manage, and the monitoring staff can grasp the running status of the system at any time through a simple interface.
- The bandwidth is relatively limited so devices must have basic traffic management functions to avoid network congestion.
- The APs should support unified management to facilitate later maintenance.

### Solution Topology



### Solution Description

In this solution, all terminal equipment is connected to the PoE+ switch S3260-16T4FP through network cable to obtain power and data, and transmitted to the customer company's computer room. It is highly integrated, reducing the need for terminal equipment, saving costs, and reducing wiring complexity.

Secondly, the plan fully considers the subsequent expansion. The PoE+ switch S3260-16T4FP in the network can be expanded at any time, highperformance core switch S5850-24T16S is used in conjunction with AC to implement AP centralized control management for customers, which can provide full expansion capabilities for the customer company's future development.

**Stack:** S3900-48T4S switches at the access layer are stacked on top of each other. By adding member switches, can easily expand the number of ports, bandwidth, and process capacity of the stacking system.

**LACP:** Configuring link aggregation between the S5850-24T16S switch at the aggregation layer and the S3260 16T4FP switch at the access layer can improve link availability, effectively avoid network interruption caused by single fiber failure, and increase link capacity.


## Product List

ID	Description
85069	S5850-24T16S 24-Port 10/100/1000BASE-T Gigabit L3 Managed Ethernet Switch with 16 10Gb SFP+ Uplinks for Hyper-Converged Infrastructure
103011	S3260-16T4FP 16-Port Gigabit and 2 1Gb Combo Managed PoE+ Switch with 2 1Gb SFP Uplinks, 260W
72946	S3900-48T4S 48-Port 10/100/1000BASE-T Gigabit L2 + Stackable Managed Ethernet Switch with 4 10Gb SFP+ Uplinks
90594	NSG-5100 Next-Generation Firewall for Medium-sized Enterprises and Data Centers
84027	1167Mbps 2x2 MU-MIMO Dual-Band FAT/FIT Gigabit Access Point
84029	Wireless LAN Controller with 128 AP License
11552	FS for Cisco SFP-10G-SR Compatible, 10GBASE-SR SFP+ 850nm 300m DOM Transceiver Module (Standard)
41730	1m (3ft) LC UPC to LC UPC Duplex OM3 Multimode PVC (OFNR) 2.0mm Fiber Optic Patch
11774	Cisco GLC-SX-MM Compatible 1000BASE-SX SFP 850nm 550m DOM Transceiver Module
70595	3ft (0.9m) Cat6 Snagless Unshielded (UTP) PVC CM Ethernet Network Patch Cable, Blue

**Note:** If you have any questions or requirements, please contact FS technician team or your Account manager for personalized services:

[https://www.fs.com/solution\\_support.html](https://www.fs.com/solution_support.html)

## Documents / Resources

	<p><b><a href="#">FS S3260-16T4FP PoE+ Series Switch Typical Network Solution</a></b> [pdf] Instruction Manual  S3260-16T4FP, S3260-16T4FP PoE Series Switch Typical Network Solution, PoE Series Switch Typical Network Solution, Switch Typical Network Solution, Typical Network Solution, Network Solution</p>
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## References

- [FS.com - Data Center, Enterprise, Telecom](#)
- [FS S3260-16T4FP 16-Port Gigabit Managed PoE+ Switch with 2 1Gb SFP Uplinks 260W - FS.com](#)
- [Cisco SFP-10G-SR Compatible 10GBASE-SR SFP+ Transceiver Module - FS.com](#)
- [Cisco GLC-SX-MM 1000BASE-SX SFP Transceiver Module - FS.com](#)
- [LC-LC OM3 Multimode Fiber Patch Cord Duplex 1m - FS.com](#)
- [3ft Cat6 Snagless Unshielded Ethernet Patch Cable, Blue - FS.com](#)
- [FS 48-Port Gigabit Ethernet L2+ Switch - FS.com](#)
- [1167Mbps 2x2 MU-MIMO 802.11ac Wave 2 Dual Band Wireless Access Point - FS.com](#)
- [fs.com/products/84029.html](#)
- [fs.com/products/85069.html](#)
- [NSG-5100 NGFW \(Next Generation Firewall\) for Enterprises & Data Centers - FS.com](#)
- [Free Tech Support - FS.com](#)