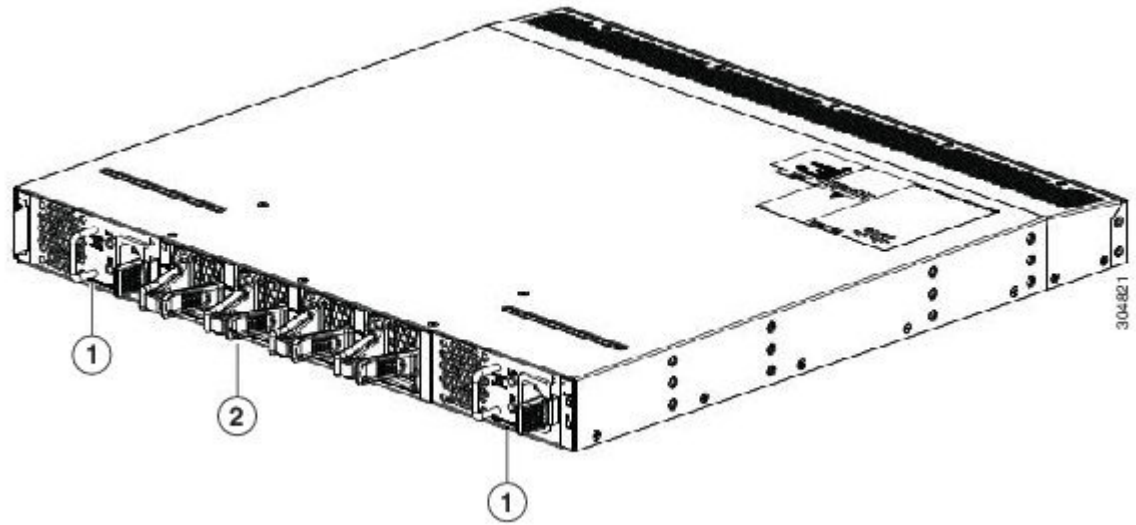# Overview

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Overview of the Cisco Nexus 3548-10G, 3548-10GX, and 3524 Switches

The Cisco Nexus 3548P-10G (N3K-C3548P-10G), 3548P-10GX (N3K-C3548P-10GX), and 3548P-XL (N3K-C3548P-XL) are 1 rack unit (RU) switches with 48 fixed 1- and 10-Gigabit Ethernet small form-factor pluggable (SFP+) ports, 1 fixed 10/100/1000 management port (the Cisco Nexus 3548P-10G also has 1 disabled management port, but there are no plans to enable this port at any future date), 1 console port, and 1 (Cisco Nexus 3548P-10G) or 2 (Cisco Nexus 3548P-10GX) USB ports. This switch supports both port-side exhaust and port-side intake airflow schemes. The switch requires one AC or DC power supply for operations, but it can have a second power supply for redundancy.

The Cisco Nexus 3524P (N3K-C3524P-10G) is a Cisco Nexus 3548 switch but with only 24 ports enabled and can be upgraded to use all 48 ports. It is the lowest entry point for main-stream top-of-rack (TOR) data center deployments which offers wire-rate Layer 2 and Layer 3 switching with a comprehensive feature set, including Algo Boost technology, and ultra-low latency.

The following figure shows the fan-side chassis features that you use when installing the chassis or replacing its modules.
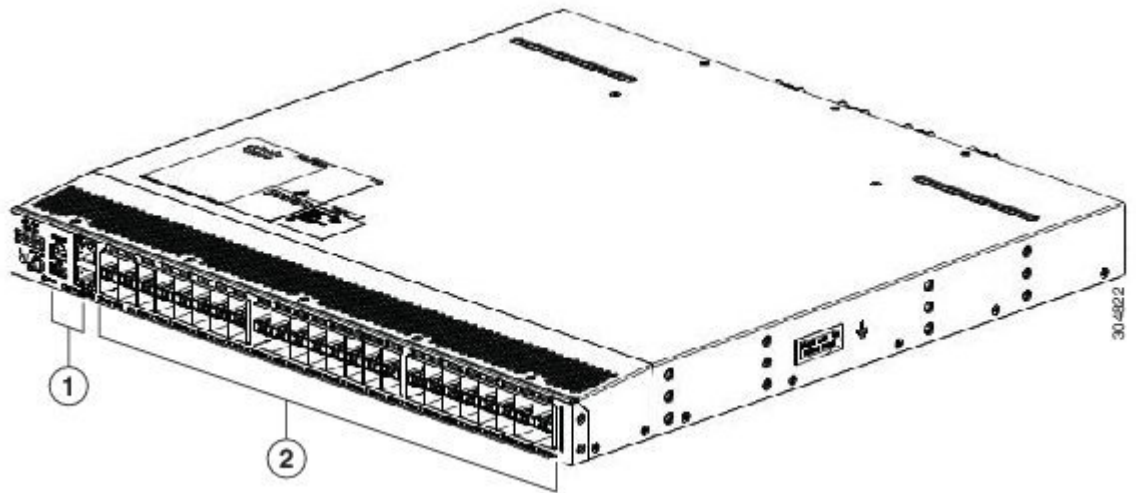
Figure 1: Fan-Side View of the Cisco Nexus 3548P-10G, 3548P-10GX, and 3524 Chassis

1	AC or DC power supply (1 or 2)	2	Fan modules (4)

The following figure shows the port-side chassis features that you use when installing the chassis or replacing its modules.

Figure 2: Port-Side View of the Cisco Nexus 3548P-10G, 3548P-10GX, and 3524 Chassis

1	Management, Console, and USB ports	2	48 fixed small form-factor pluggable (SFP+) ports