

2220012646

## Cisco 5520 Wireless Controller

Supporting 50 access points

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### Description

- ✓ Optimized for 802.11ac Wave2 performance
- ✓ Intent-driven programmability and streaming telemetry
- ✓ Subsecond access point and client failover for uninterrupted application availability
- ✓ Embedded wireless Bring-Your-Own-Device (BYOD) policy classification engine that allows classification of client devices and application of user group policies
- ✓ Software-defined segmentation with Cisco TrustSec<sup>®</sup> technology, reducing Access Control List (ACL) maintenance, complexity, and overhead
- ✓ Integrated Cisco CleanAir<sup>®</sup> technology, providing the industry's only self-healing and self-optimizing wireless network
- ✓ Mobility, security, and management for IPv6 and dual-stack clients
- ✓ Simplified GUI wizard for quick setup and intuitive dashboards for monitoring and troubleshooting
- ✓ Includes Rack Mount Kit

The Cisco 5520 Series Wireless LAN Controller is a highly scalable, service-rich, resilient, and flexible platform that is ideal for medium-sized to large enterprise and campus deployments.

# Specifications

## DESCRIPTION

Scalability and performance	Optimized to enable 802.11ac Wave 2 next-generation networks, supporting: 20-Gbps throughput, 1500 access points, 20.000 clients, 4096 VLANs
RF management	Proactively identifies and mitigates signal interference, Provides both real-time and historical information about RF interference
High-performance video	Cisco VideoStream technology optimizes the delivery of video applications across the WLAN
Wireless	IEEE 802.11a, 802.11b, 802.11g, 802.11d, WMM/802.11e, 802.11h, 802.11n, 802.11k, 802.11r, 802.11u, 802.11w, 802.11ac Wave1 and Wave2
Wired/switching/routing	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX specification, 1000BASE-T, 1000BASE-SX, 1000BASE-LH, IEEE 802.1Q VLAN tagging, IEEE 802.1AX Link Aggregation
Management interfaces	Web-based: HTTP/HTTPS; Command-line interface: Telnet, Secure Shell (SSH) Protocol, serial port; Cisco Prime Infrastructure
	2 x 10 Gigabit Ethernet interfaces or 2 x 1 Gigabit Ethernet interfaces; Small Form-Factor Pluggable Plus (SFP+) options (only Cisco SFP+s supported), including S-Class Optics; Small Form-Factor

Interfaces	Pluggable (SFP) options (only Cisco SFPs supported), including S-Class Optics; 1 x service port: 1 Gigabit Ethernet port (RJ-45); 1 x redundancy port: 1 Gigabit Ethernet port (RJ-45); 1 x Cisco Integrated Management Controller port: 10/100/1000 Ethernet (RJ-45); 1 x console port: Serial port (RJ-45)
LED indicators	Network Link, Diagnostics
Dimensions (WxDxH)	48.2 x 78.7 x 4.32 cm (including handles)
Weight	13.6 kg (with power supply)
Air temperature	5° to 40°C
Humidity	10% to 90%; noncondensing at 28°C
AC input frequency range	47 to 63 Hz
Input voltage range	Minimum: 90 VAC; Maximum: 264 VAC; Maximum Power 190W

## LICENSES

2220012647	1 AP Adder License for Cisco 5520 Wireless Controller
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