PROFESSIONAL WIFI / CONTROLLERS

WIC 5120

Enterprise WiFi controller and gateway



Centralize access-point management and gateway functions in a 2U platform with four 10G SFP+ uplinks, six 2.5 GbE ports and support for up to 5,120 managed access points.

Centralized WiFi control

AP templates, seamless roaming and remote management.

Network services

VLANs, VPN peering, firewall and multiple authentication methods.

Traffic management

Link aggregation, load balancing and application-based traffic steering.

5,120	5,120	4x 10G	6x 2.5G
MAX. MANAGED APs	MAX. CONCURRENT USERS	SFP+ UPLINKS	WAN / LAN PORTS

Control, connectivity and network policy.

Consistent configuration

Use AP templates to apply common settings across the managed network.

Enterprise access

Support seamless roaming and VLAN-based segmentation.

Traffic optimization

Apply intelligent QoS, load balancing and application-aware steering.

Maximum AP and concurrent-user capacities are separate limits. Effective capacity depends on enabled services, traffic and network design.

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TECHNICAL SPECIFICATIONS

WIC 5120

Platform & capacity

Functions	Router + access controller
Maximum managed APs	5,120
Maximum concurrent users	5,120
Architecture	x86
Chipset	W580
Storage	1 TB HDD
Memory	16 GB DDR4
Form factor	2U chassis
Maximum port speed	10 Gbps

Interfaces

WAN / LAN	6x 2.5 GbE, dynamic configuration
Optical uplinks	4x 10G SFP+
USB	2x USB 3.0
Console	1x console interface

Ordering information

Model	WIC 5120
Package contents	Available on request

WiFi & administration

AP templates	Supported
Seamless roaming	Supported
Cloud platform	Supported
Remote management	Supported
Firmware upgrade detection	Supported

Network services

VLAN	Supported
VPN	VPN peering network
Firewall	Supported
Authentication	Multiple methods
Link aggregation	Supported
Routing acceleration	Supported
Load balancing	Supported

Traffic management

Intelligent QoS	Supported
Application-based steering	Supported
Protocol signature database	Supported

Port speeds describe individual interfaces and are not an aggregate routing-throughput specification. Size the controller for the intended services and traffic profile.

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