S5048F-ON

Genuine Dell switch, tested and in stock at LinkNewNet.

Dell S5048F-ON Series - Enterprise Switch

The Dell S5048F-ON is a genuine Dell switch. Dell S5048F-ON high-performance 25/100GbE data center switch with 3.6 Tbps capacity for top-of-rack deployments.

Specification	Value
Ports	48x 25GbE SFP28 + 6x 100GbE QSFP28
Switching Capacity	3.6 Tbps
Forwarding Rate	2,678 Mpps
MAC Address Table	132,000 entries
Power	2x redundant hot-swap 750W AC (573 W max, 288 W typ)
Airflow	Front-to-back or reverse
OS	Dell OS9
Form Factor	1U rack-mount
Dimensions	44 x 434 x 457 mm
Weight	9.98 kg

- Ports: 48x 25G SFP28 + 6x 100G QSFP28
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The table summarizes the key specifications for the Dell S5048F-ON.

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Every unit at LinkNewNet undergoes a multi-point inspection and test process before dispatch.

Check	Description
Power-on test	Full power-on and boot verification
Port test	All downlink and uplink ports tested for link and traffic
Firmware check	Bootloader and OS image verified
Physical inspection	Chassis, fans and power supplies inspected for damage
Cleaning	Unit cleaned and graded before packaging
Diagnostics	Onboard diagnostics run to confirm correct operation

LinkNewNet provides warranty coverage and responsive technical support on every unit.

Item	Coverage
Pre-owned hardware	90-day warranty from shipment
New hardware	1-year warranty from shipment
Technical support	Email and phone support during business hours
Test report	Available on request for telecom-grade equipment
Return policy	Contact sales for return material authorization

Enterprise and industrial Ethernet switches like the Dell S5048F-ON are deployed across a wide range of networking environments.

Application	Description
Enterprise access	Connecting desktops, IP phones and wireless access points
Campus aggregation	Aggregating access-layer switches over high-speed uplinks
Branch office	Compact, quiet switching for remote sites
Industrial / OT	Ruggedized switching for manufacturing and utility networks
Data center ToR	High-density 10G/40G top-of-rack switching
Network expansion	Adding port density to growing networks

The Dell S5048F-ON is a genuine, tested unit. Contact LinkNewNet for current stock, lead time and shipping options.

Field	Detail
Product	S5048F-ON
Brand	Dell
Condition	Used / pre-owned (tested)
Warranty	90-day warranty
Shipping	1-4 business days via FedEx / UPS / DHL
Contact	sales@linknewnet.com
Website	www.linknewnet.com

This product complies with the following standards and certifications. Actual compliance marks are listed on the product nameplate and in the official Cisco regulatory compliance and safety information document for the specific product family.

Category	Standard / Certification
Safety	UL 60950-1 / UL 62368-1, EN 60950-1 / EN 62368-1, IEC 60950-1 / IEC 62368-1, AS/NZS 60950.1
EMC emissions	FCC Part 15 (CFR 47) Class A, ICES-003 Class A, EN 55032 Class A, AS/NZS CISPR32 Class A
EMC immunity	EN 55024 / EN 55035, CISPR 24 / CISPR 35
Telecom	TIA-968-A (where applicable), CS-03 (Canada)
Environmental	RoHS 6/6, REACH, WEEE Directive 2012/19/EU
NEBS	NEBS Level 3 (selected platforms; consult product-specific NEBS document)
Power	ENERGY STAR qualified PSU on selected SKUs; 80 PLUS Platinum efficiency
Packaging	EU Directive 94/62/EC on packaging and packaging waste
Country of origin	See product packaging label for country of manufacture

Cisco products are covered by the Cisco Limited Warranty. Standard hardware warranty terms and Cisco Smart Net Total Care service contract options are described at www.cisco.com/go/warranty. Service availability varies by region; consult your Cisco account team or authorized partner for the service offerings applicable to your country.

Service	Description
Hardware warranty	90 days from date of shipment (standard)
Return material authorization	Required for all hardware returns
Smart Net Total Care	24x7 TAC, software updates, hardware replacement, online tools
Solution Support	Coordinated support for multi-vendor solutions
Professional services	Cisco Services for design, deployment, and migration
On-site engineer	Available with selected service contract tiers
Spare parts RMA	Advance replacement available on selected tiers
End-of-life policy	Refer to www.cisco.com/c/en/us/products/eos-eol-policy.html

To place an order, contact your Cisco account team or authorized Cisco partner. Provide the part number and quantity required. Some SKUs are region-specific or require a smart account / smart license for activation. Software subscriptions and term licensing are sold separately unless noted in the product bundle.

Item	Notes
Main product SKU	S5048F-ON
Bundle ID	Consult Cisco Commerce Workspace for current bundles

Item	Notes
Power cable	Select appropriate regional power cable at order time
Software subscription	Cisco DNA / IOS XE / FTD term licenses sold separately
Spare SKU	Refer to product-specific spare parts list
Lead time	Confirm with order management at time of order
Min order qty	Typically 1 unit; volume pricing available
Trade-in / refresh	Cisco Refresh / trade-in programs may apply

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Performance figures quoted are measured under specific test conditions and represent peak laboratory results. Actual performance in production environments will vary depending on traffic mix, packet size, feature configuration, hardware revision, and software version. Throughput and session numbers may decrease when optional features are enabled.

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Website	www.linknewnet.com

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