S5820V2-52Q

Genuine H3C switch, tested and in stock at LinkNewNet.

H3C S5820V2-52Q Series - Enterprise Switch

The H3C S5820V2-52Q is a genuine H3C switch. Cloud data-center 10G/40G access switch with TRILL/SPB/FCoE for high-density server aggregation.

Specification	Value
Ports	48x 10G Base-T + 4x 40G QSFP+ (each splittable to 4x 10G)
Switching Capacity	1.28 Tbps / 11.52 Tbps
Forwarding Rate	960 Mpps
PoE	No
Layer	Layer 3
Stacking	IRF2, 2-9 units
Form Factor	1U, 440x660x43.6 mm

- Ports: 48x 10G Base-T + 4x 40G QSFP+
- Switching Capacity: 1.28 Tbps
- Form Factor: 1U rack-mount

The table summarizes the key specifications for the H3C S5820V2-52Q.

Specification	Value
Ports	48x 10G Base-T + 4x 40G QSFP+ (each splittable to 4x 10G)
Switching Capacity	1.28 Tbps / 11.52 Tbps
Forwarding Rate	960 Mpps
PoE	No
Layer	Layer 3
Stacking	IRF2, 2-9 units
Form Factor	1U, 440x660x43.6 mm

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 H3C S5820V2-52Q 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 H3C S5820V2-52Q is a genuine, tested unit. Contact LinkNewNet for current stock, lead time and shipping options.

Field	Detail
Product	S5820V2-52Q
Brand	H3C
Condition	Used / pre-owned (tested)
Warranty	90-day warranty
Shipping	1-4 business days via FedEx / UPS / DHL

Field	Detail
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	S5820V2-52Q
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

All specifications are subject to change without notice. Cisco and the Cisco logo are trademarks or registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and other countries. A listing of Cisco trademarks is available at www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word 'partner' does not imply a partnership relationship between Cisco and any other company.

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.

This document is provided for informational purposes only and does not constitute a binding commitment. Cisco reserves the right to revise datasheets, pricing, and product availability at any time. Refer to the Cisco Sales Office or authorized partner for confirmation of any information in this document before placing an order.

Field	Value
Document title	S5820V2-52Q Technical Datasheet
Document version	v1.0
Publication date	September 2026
Source publisher	LinkNewNet (authorized Cisco partner)
Distribution	Public
Language	English
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	S5820V2-52Q
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

All specifications are subject to change without notice. Cisco and the Cisco logo are trademarks or registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and other countries. A listing of Cisco trademarks is available at www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word 'partner' does not imply a partnership relationship between Cisco and any other company.

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.

This document is provided for informational purposes only and does not constitute a binding commitment. Cisco reserves the right to revise datasheets, pricing, and product availability at any time. Refer to the Cisco Sales Office or authorized partner for confirmation of any information in this document before placing an order.

Field	Value
Document title	S5820V2-52Q Technical Datasheet
Document version	v1.0
Publication date	September 2026
Source publisher	LinkNewNet (authorized Cisco partner)
Distribution	Public
Language	English
Contact	sales@linknewnet.com
Website	www.linknewnet.com