# S6800-54QT

**Genuine H3C switch, tested and in stock at LinkNewNet.**

H3C S6800-54QT Series - Enterprise Switch

## 

The H3C S6800-54QT is a genuine H3C switch. Data-center 10G Base-T switch with 40G uplinks for copper server access in cloud data centers.

## 

| Specification | Value |
|---|---|
| Ports | 48x 10G Base-T + 6x 40G QSFP+ (each splittable to 4x 10G) |
| Switching Capacity | 2.56 Tbps / 23.04 Tbps |
| Forwarding Rate | 1080 Mpps |
| PoE | No |
| Layer | Layer 2/3 |
| Form Factor | 1U, 440x460x44 mm |

## 

- Ports: 48x 10G Base-T + 6x 40G QSFP+
- Switching Capacity: 2.56 Tbps
- Form Factor: 1U rack-mount

## 

The table summarizes the key specifications for the H3C S6800-54QT.

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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 |

| Check | Description |
| --- | --- |
| 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 S6800-54QT 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 S6800-54QT is a genuine, tested unit. Contact LinkNewNet for current stock, lead time and shipping options.

| Field | Detail |
| --- | --- |
| Product | S6800-54QT |
| Brand | H3C |
| 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 | S6800-54QT |
| 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.

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.

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