



## DELL S-Series S4148F-ON Managed L2/L3 1U Black



**Brand :** DELL

**Product family:** S-Series

**Product code:** 210-ALSI

**Product name :** S4148F-ON

- 1U, L2/L3, 1760Gbits, 1320 Mpps  
- 48 x 10GbE SFP+, 4 x QSFP28, 2 x QSFP+,  
- OS10  
1U, 1.76Tbps, 1320 Mpps, 48 x 10GbE SFP+, 4 x QSFP28, 2 x QSFP+, IO-PSU, 2 x PSU, OS10

[DELL S-Series S4148F-ON Managed L2/L3 1U Black:](#)

### Flexible, powerful and optimized

Designed for flexibility and high performance for today's demanding modern workloads and applications. DELL S-Series S4148F-ON. Switch type: Managed, Switch layer: L2/L3. USB 2.0 ports quantity: 1, Console port: RJ-45/Micro-USB. MAC address table: 272000 entries, Switching capacity: 1760 Gbit/s. Networking standards: IEEE 802.3. Power connector: AC-in jack. Rack mounting, Form factor: 1U

| Management features                         |                                                                                                                                  | Protocols                              |                        |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------|
| Switch type *                               | Managed                                                                                                                          | Management protocols                   | CLI, SNMP, REST, API's |
| Switch layer                                | L2/L3                                                                                                                            | GARP VLAN Registration Protocol (GVRP) | ✓                      |
| Quality of Service (QoS) support            | ✓                                                                                                                                |                                        |                        |
| Configuring Location Settings (CLI)         | ✓                                                                                                                                | Design                                 |                        |
| MIB support                                 | IP MIB, IP Forward MIB, Host Resources MIB, IF MIB, LLDP MIB, Entity MIB, LAG MIB, Dell-Vendor MIB, TCP MIB, UDP MIB, SNMPv2 MIB | Rack mounting *                        | ✓                      |
|                                             |                                                                                                                                  | Form factor                            | 1U                     |
|                                             |                                                                                                                                  | Product colour                         | Black                  |
|                                             |                                                                                                                                  | Ventilation system                     | Front-to-back airflow  |
| Ports & interfaces                          |                                                                                                                                  | Performance                            |                        |
| Basic switching RJ-45 Ethernet ports type * | ✗                                                                                                                                | Built-in processor                     | ✓                      |
| Gigabit Ethernet (copper) ports quantity    | 1                                                                                                                                | Internal memory                        | 4000 MB                |
| SFP+ module slots quantity                  | 48                                                                                                                               | Power                                  |                        |
| QSFP+ module slots quantity                 | 2                                                                                                                                | Power supply included *                | ✓                      |
| Console port                                | RJ-45/Micro-USB                                                                                                                  | Number of power supply units           | 2                      |
| USB 2.0 ports quantity                      | 1                                                                                                                                | AC input voltage                       | 100 - 240 V            |
| Power connector                             | AC-in jack                                                                                                                       | AC input frequency                     | 50 - 60 Hz             |
| Network                                     |                                                                                                                                  | Power consumption (typical)            | 200 W                  |
| Networking standards *                      | IEEE 802.3                                                                                                                       | Power consumption (max)                | 370 W                  |
| 10G support *                               | ✓                                                                                                                                | Power over Ethernet (PoE)              |                        |
| Flow control support                        | ✓                                                                                                                                | Power over Ethernet (PoE) *            | ✗                      |
| Link aggregation                            | ✓                                                                                                                                | Operational conditions                 |                        |
| VLAN support                                | ✓                                                                                                                                | Operating temperature (T-T)            | 5 - 45 °C              |
| Virtual LAN features                        | Tagged VLAN                                                                                                                      | Storage temperature (T-T)              | -40 - 65 °C            |
| Data transmission                           |                                                                                                                                  | Operating relative humidity (H-H)      | 5 - 85%                |
| Switching capacity *                        | 1760 Gbit/s                                                                                                                      | Storage relative humidity (H-H)        | 5 - 95%                |
| Throughput                                  | 1320 Mpps                                                                                                                        | Weight & dimensions                    |                        |
| MAC address table *                         | 272000 entries                                                                                                                   | Width                                  | 431 mm                 |
| Jumbo frames support                        | ✓                                                                                                                                | Depth                                  | 457 mm                 |
| Jumbo frames                                | 9416                                                                                                                             | Height                                 | 44 mm                  |
| Packet buffer memory                        | 12 MB                                                                                                                            | Weight                                 | 9.46 kg                |
| Multicast features                          |                                                                                                                                  | Logistics data                         |                        |
| Multicast support                           | ✓                                                                                                                                | Harmonized System (HS) code            | 85176990               |



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### Catalog Object Cloud



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