

**DS-3E6600-24F2X-SA**

DS-3E6603 LPU module, 24 Gigabit SFP Ports, 2 \* 10GE SFP+ Ports



- Supports 10/100/1000BASE-T Ethernet Copper Interface(RJ45)+2-Port 10G Ethernet Optical Interface Module(SFP+,LC)

## ▪ Specification

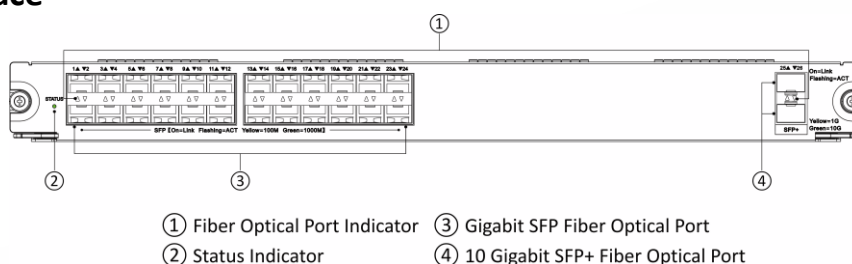
| Hardware Specifications           |                                                                                                                                                                                                                                     |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Port                              | 24 × Gigabit SFP port, 2 × 10 Gigabit SFP+ port                                                                                                                                                                                     |
| Switching Capacity                | Port Performance: 960 Gbps<br>Whole-Device Performance: 1440 Gbps                                                                                                                                                                   |
| Packet Forwarding Rate            | Port Wire-Speed Packet Forwarding Rate: 714.24 Mpps<br>Whole-Device Packet Forwarding Rate: 1071.36 Mpps                                                                                                                            |
| Main Processing Unit (MPU) Slots  | 1 (Only slot 1 for both MPU and LPU)                                                                                                                                                                                                |
| Switching Fabric Unit (SFU) Slots | 0 (No dedicated SFU slots)                                                                                                                                                                                                          |
| Line Processing Unit (LPU) Slots  | 3 (Slot 1 for both MPU and LPU)                                                                                                                                                                                                     |
| Power Supply Unit (PSU) Slots     | 2                                                                                                                                                                                                                                   |
| Fan Slots                         | 1                                                                                                                                                                                                                                   |
| Power Supply                      | 1+1 redundancy backup, 1 PSU included as standard                                                                                                                                                                                   |
| Fan                               | 1 modular fan(s)                                                                                                                                                                                                                    |
| MAC Address Capacity              | 32 K                                                                                                                                                                                                                                |
| Cache                             | 16 Mbits                                                                                                                                                                                                                            |
| Dimensions (W × H × D)            | 436.60 mm × 40.60 mm × 210.00 mm (17.19" × 1.60" × 8.27")                                                                                                                                                                           |
| Net Weight                        | 1.89 kg (4.17 lb)                                                                                                                                                                                                                   |
| Gross Weight                      | 2.837 kg (6.25 lb)                                                                                                                                                                                                                  |
| Operating Temperature             | 0°C to 50°C (32°F to 122°F)                                                                                                                                                                                                         |
| Operating Humidity                | 5% to 95% (no condensation)                                                                                                                                                                                                         |
| Storage Temperature               | -40°C to 85°C (-40°F to 185°F)                                                                                                                                                                                                      |
| Storage Humidity                  | 5% to 95% (no condensation)                                                                                                                                                                                                         |
| Installation Mode                 | 1U Rack Mounting (19" width)                                                                                                                                                                                                        |
| Power Supply Method               | Dual Power Input, AC: 100~240 V, 50/60 Hz, 3.5~7 A                                                                                                                                                                                  |
| Console Port                      | 1 × Console Port                                                                                                                                                                                                                    |
| USB Port                          | 1 × USB 2.0 Port                                                                                                                                                                                                                    |
| MGMT Port                         | Supported                                                                                                                                                                                                                           |
| Power Consumption (Idle)          | Single AC: 100 W, Dual AC: 110 W                                                                                                                                                                                                    |
| Power Consumption (Max. Load)     | Single AC: 350 W, Dual AC: 380 W                                                                                                                                                                                                    |
| Surge Protection                  | 10 kV                                                                                                                                                                                                                               |
| Packing List                      | Switch × 1<br>AC Power Cord × 1<br>L-Shaped Bracket Kit × 1<br>Console Cable × 1<br>Grounding Cable × 1<br>Cable Retention Clip × 1<br>Rubber Foot × 4<br>Quick Start Guide × 1<br>Regulatory Compliance and Safety Information × 1 |
| Service Features                  |                                                                                                                                                                                                                                     |
| Flow Control                      | Supported                                                                                                                                                                                                                           |
| Link Aggregation                  | Supports static aggregation.<br>Supports dynamic aggregation via LACP.                                                                                                                                                              |

|                        |                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Auto-Negotiation       | Gigabit SFP ports 1 to 24: 1G/100M rate adaptation<br>10 Gigabit SFP+ ports 25 to 26: 10G/1G rate adaptation                                                                     |
| VLAN                   | Supports 4K VLANs.<br>Supports port-based VLAN.<br>Supports IP subnet-based VLAN.<br>Supports QinQ.<br>Supports flexible QinQ.<br>Supports VLAN mapping.<br>Supports Super VLAN. |
| Multicast              | Supports IGMPv1/v2/v3 Snooping.                                                                                                                                                  |
| STP                    | Supports STP (IEEE 802.1d).<br>Supports RSTP (IEEE 802.1w).<br>Supports MSTP (IEEE 802.1s).                                                                                      |
| ERPS                   | Supports G.8032 ERPS.                                                                                                                                                            |
| Private Loop Detection | Supported                                                                                                                                                                        |
| Storm Control          | Supported                                                                                                                                                                        |
| Traffic Suppression    | Supported                                                                                                                                                                        |
| Mirroring              | Supports local port mirroring.<br>Supports N:1 port mirroring.<br>Supports flow mirroring.                                                                                       |
| IPv4 Service           | Supports Ping.<br>Supports Traceroute.<br>Supports DNS.<br>Supports ARP.<br>Supports ARP Proxy.                                                                                  |
| IPv4 Routing           | Supports static routing.<br>Supports OSPFv2.<br>Supports RIPv1/v2.<br>Supports equal-cost multi-path (ECMP) routing.<br>Supports policy-based routing (PBR).<br>Supports VRRP.   |
| IPv6 Service           | Supports Telnet6.<br>Supports FTP6.<br>Supports TFTP6.<br>Supports Traceroute6.<br>Supports Neighbor Discovery (ND).<br>Supports Path MTU (PMTU) Discovery.<br>Supports ICMPv6.  |
| IPv6 Routing           | Supports IPv6 static routing.                                                                                                                                                    |
| DHCP                   | Supports DHCP Client.<br>Supports DHCP Snooping.<br>Supports DHCP Snooping Option 82/DHCP Relay Option 82.<br>Supports DHCP Relay.<br>Supports DHCP Server.                      |
| Cable Detection        | Supports virtual cable test (VCT).                                                                                                                                               |
| 802.1X Authentication  | Supported                                                                                                                                                                        |
| MAC Authentication     | Supported                                                                                                                                                                        |

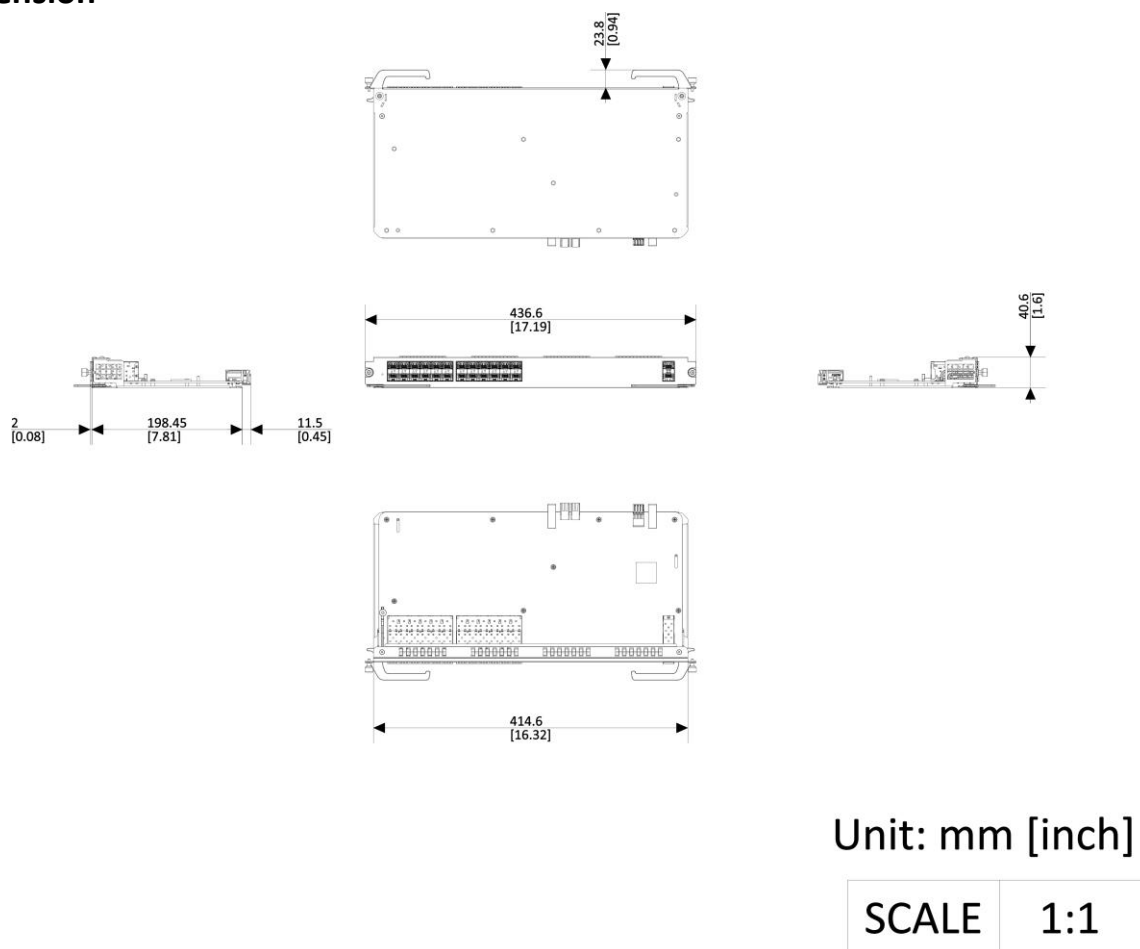
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|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RADIUS                      | Supports RADIUS authentication.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACL                         | <p>Supports L2 to L4 packet filtering.</p> <p>Supports ACL definitions based on source/destination MAC address, source/destination IP address, IP protocol type, TCP/UDP port number or port range, VLAN ID, etc.</p> <p>Supports Time Range-based ACLs.</p> <p>Supports ACL application globally, on ports, or to VLANs.</p> <p>Supports Basic ACL, Advanced ACL, and MAC ACL configurations.</p> <p>Supports inbound, outbound, and VLAN-based ACLs.</p>    |
| QoS                         | <p>Supports 802.1p/DSCP priority mapping.</p> <p>Supports queue scheduling mechanisms including SP, WRR, WFQ, SP+WRR, and SP+WFQ.</p> <p>Supports traffic shaping.</p> <p>Supports WRED.</p> <p>Supports priority marking and remarking.</p> <p>Supports flow-based packet filtering.</p> <p>Supports flow-based traffic statistics.</p> <p>Supports flow-based redirection.</p> <p>Supports flow-based rate limiting.</p> <p>Supports 8 queues per port.</p> |
| Security                    | <p>Supports DoS attack protection.</p> <p>Supports CPU protection.</p> <p>Supports IP Source Guard.</p> <p>Supports port isolation.</p> <p>Supports HTTPS.</p> <p>Supports ARP detection.</p> <p>Supports ARP source suppression.</p> <p>Supports ARP attack protection.</p> <p>Supports IP-MAC binding.</p> <p>Supports port security.</p>                                                                                                                   |
| LLDP                        | Supports LLDP.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Operation Management</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Topology Display            | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Status Alarm                | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Management Platform         | <p>Supports device management via web.</p> <p>Supports device management via iVMS-4200 Client.</p> <p>Supports device management via Hik-Partner Pro.</p> <p>Supports SADP.</p> <p>Supports device management via Unified Network Management Platform.</p>                                                                                                                                                                                                    |
| SSH                         | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Telnet                      | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SNMP                        | <p>Supports SNMPv1.</p> <p>Supports SNMPv2c.</p> <p>Supports SNMPv3.</p>                                                                                                                                                                                                                                                                                                                                                                                      |
| Clock Management            | Supports NTP.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RMON                        | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| sFlow                       | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

- **Available Product**

- **Physical Interface**



## ▪ Dimension



## ▪ Accessory

## ▪ Optional



# See Far, Go Further



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