



QN-SW225-24

PRODUCT OVERVIEW



Centrally Managed
By Rudder



Reliable &
Resilient



OOB Management



4x10 GbE SFP+
With Uplink Ports



Easy To
Deploy



Three Years
Warranty

QN-SW225-24

PRODUCT OVERVIEW

- QN-SW225-24 Switches provide Layer 2 and Layer 3 switching, ideal for Enterprise and Campus deployments, the SW225 series features are designed to meet the diverse needs of large enterprise networks.
- Supports management through Quantum RUDDER®, the users will have Enterprise-class single-point-of-management of the entire enterprise network using Quantum RUDDER®.
- Provides easily deployed futuristic customer engagement solutions OOB and Network port-based Quantum RUDDER® Onboarding.
- Provides 10G SFP+ uplink interfaces on all models with non-blocking switching capabilities.
- Provides Enterprise-class features like VLAN, Routing, STP/MSTP/RSTP, 802.1x etc.
- Supports both PoE and PoE+ on 802.3af/at as well as passive power for PoE on all networking ports.
- QN-SW225-24 comes with three years limited liability manufacturer's warranty from day one.



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QN-SW225-24

KEY FEATURES

- **10 GbE ports optimize network performance**
Up to 4x10G SFP+ ports for stacking or uplinks.
- **One time licensing**
Quantum RUDDER® serves perpetual management licensing for hassle-free management.
- **Easy to manage**
Easily manage all Quantum products through feature-rich Quantum RUDDER® management console.
- **Zero touch provisioning**
Zero-touch provisioning feature provides single click pre-provisioning for mass deployment across sites using Quantum ACE® and/or Quantum RUDDER®.
- **Enhanced QoS**
QN-SW225-24 Switch supports configurable QoS queues for converged voice, video, and data applications.



4x10 GbE SFP+
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QN-SW225-24

KEY SPECIFICATIONS

General

Product type	Switch	
Model	QN-SW225-24-4x10G	QN-SW225-24P-4x10G
Product description	24x10/100/1000 Mbps RJ-45 ports, 4x1/10 GbE uplink/stacking SFP/SFP+ ports	24x10/100/1000 Mbps RJ-45 PoE+ ports, 370 W PoE budget, 4x1/10 GbE uplink/stacking SFP/SFP+ ports

Switching & Forwarding Capacity

Architecture	Non-blocking
Switching capacity (data rate, full duplex)	128 Gbps
Forwarding capacity (data rate, full duplex)	96 MPPS
Packet Buffer Size	12 Mb

Ports

Gigabit ethernet(RJ45) ports	24
1G/10G fiber SFP/SFP+ uplink/staking Port)	4
Separate MAC address Assignment per port	Yes
Console port	Serial console port (RJ-45)
RJ45 management	For OOB (Out of band network management)

PoE

PoE ports	NA	24
PoE+ ports	NA	24(Configurable)
Power budget	NA	370 Watt
Supported PoE type (802.3af/at)	NA	802.3af (15.4W) = All 24 Ports 802.3at (30W) = Any 12 ports

Layer 3 Routing (Basic)

Static routing	Yes
RIP	Yes

Access Control

Access control list	Yes
Class of service	Yes
Quality of service	Yes



Easy To Deploy



Limited Warranty



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QN-SW225-24

KEY SPECIFICATIONS

Flow Management		
SFLOW		Yes
Open flow		Yes
Internet Protocols		
Ipv4		Yes
Ipv6		Yes
L2 Features		
STP		Yes
RSTP		Yes
MSTP		Yes
Link Aggregation		
LLDP		Yes
LACP		Yes
Management		
Stand alone		Yes
Cloud		Yes
Interfaces		
Web interface		Yes
CLI		Yes
SNMP		Yes
Power Supply/Cooling		
PSU		1 X Inbult
PSU connector		IEC 320 C14 Male Plug 3 Pins PCB Panel Power Inlet Socket
FAN	No	Yes
LED On Front Panel		
Power		Yes
System		Yes
Cloud managed		Yes
Environmental		
Operating temperature		0°C (32F) ~ +50°C (+122F)
Humidity		0%- 95% RH



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QN-SW225-24

ORDERING INFORMATION

Part Number	Description
QN-SW225-24-4x1G	Quantum QN-SW225-24 Networking Switch, 24x10/100/1000 Base T ports, 4x1 GbE SFP Uplink-ports, Upgradable to 4x10 GbE SFP
QN-SW225-24P-4x1G	Quantum QN-SW225-24 Networking Switch, 24x10/100/1000 Base T ports, 370W PoE budget, 4x1 GbE SFP Uplink-ports, Upgradable to 4x10 GbE SFP
QN-SW225-24-4x10G	Quantum QN-SW225-24 Networking Switch, 24x10/100/1000 Base T ports, 4x10 GbE SFP Uplink-ports
QN-SW225-24P-4x10G	Quantum QN-SW225-24 Networking Switch, 24x10/100/1000 Base T ports, 370W PoE budget, 4x10 GbE SFP Uplink-ports
QN-SW225-UL-1x10G	Quantum QN-SW225 license to upgrade single uplink-port from 1 GbE SFP to 10 GbE SFP+



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