WE MAKE NETWORKING EASY!

Niveo Professional Broadcast, SDVoE and Data Centre Switches

N400GSM32

32 × 400G QSFP112 L3 fiber switch, dual power supplies, six fan modules

N100GSM32

32 × 100G QSFP28 L3 fiber switch, dual power supplies, four fan modules

N10GSM8QF48

48 Port 10Gb SFP+ Fiber ports, 8* 100Gb QSFP28 Fiber ports, Layer 3 Mgt

N10GSM48X2Q

48P 10G Base-T L3 Managed Switch, 4 * 10G SFP+, 2*100G, SDVoE-ready

N10GSM24XP

24P 10G Base-T L3 Managed PoE++ Switch, 2*100G, SDVoE-ready

Cloud Management

Fiber Modules



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FEATURES

The Niveo Professional Broadcast and Data Centre Switches offer very high bandwidth Layer 3 switching in stand alone and spine-leaf networks.
The switches are ready optimized for broadcast standards like ST2210 and PRO-AV streaming like SDVoE and MultiGig video streaming.

The Operating Ecosystem of these switches over advanced Web GUI intefaces as well as a CLI programmable command structure. On to of that, a full Cloud-management Environment allows for Centralized visibility and automated operations.

The switches offer advanced L3 features like VXLAN, EVPN, BGP, MacSec, PFC/ECN/DCBX, MLAG as well as optional Metro/MPLS features for full blown carrier solutions

Key part numbers

N400GSM32	32 X 400G QSFP112 L3 Fiber Switch, Dual power modules, Six fan modules
N100GSM32	32 X 100G QSFP28 L3 Fiber Switch, Dual power modules, Four fan modules
N25GSM8QF24	24 × 10G/25G SFP28, 8 × 40G/100G QSFP28, Layer 3 management Fiber Switch
N25GSM8QF48	48 X 10G/25G SFP28,8x40G/100G QSFP28, L3 Management Fiber Switch
N10GSM8QF48	48 Port 10Gb SFP+ Fiber ports, 8* 100Gb QSFP28 Fiber ports, Layer 3 Mgt
N10GSM24XP	24P 10G Base-T L3 Managed PoE++ Switch, 2*100G, SDVoE-ready
N10GSM48X2Q	48P 10G Base-T L3 Managed Switch, 4 * 10G SFP+, 2*100G, SDVoE-ready
Nmetro-1Yr	1 Year Metro (MPLS) license; per device
NBCML-1Yr	1 Year Cloud Management license; per device

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HARDWARE SPECIFICATIONS

N400GSM32

Service Ports	32 x 400G QSFP 112
Management Ports	Console: RJ45 to RS232
	Ethernet: 1G Port
	Storage: USB
Power supply	2 x 1300W CRPS
Cooling System	6 x hot-swappable Fan Module (front-to-back airflow)
Memory	eMMc: 8GB
	DRAM: 4GB
CPU	4-core processor, ARM A53（1GHz）
Packet Switch capacity	25.6 Tbps (bidirectional)
Layer 2/Layer 3 Throughput	38.09 Gpps (bidirectional)
Power consumption	383W
Typical Power consumption	307w
Acoustic in dBA	TBD
Cooling [CFM]	264.16
MTBF	≥90000h (~10.3 Years)
Operating altitude	≤5000m
Dimensions	44.2 x 4.4 x 49.4cm
Operating temperature	0°C to 45°C

N100GSM32

Service Ports	32 x 100G QSFP 28
Management Ports	Console: RJ45 to RS232
	Ethernet: 1G Port
	Storage: USB
Power supply	2 x 350W CRPS
Cooling System	4 x Fan Modules
	(front-to-back airflow)
Memory	eMMc: 8GB
	DRAM: 2GB

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CPU	Dual-core processor, ARM A53
Packet Switch capacity	6.4 Tbps (bidirectional)
Layer 2/Layer 3 Throughput	9.52 Gpps (bidirectional)
Power consumption	189W
Typical Power consumption	180.4W
Acoustic in dBA	TBD
Cooling [CFM]	101.96
MTBF	≥90000H
Operating altitude	≤5000m
Dimensions	44.2x 4.4 x 42cm
Operating temperature	0°C to 40°C

N25GSM8QF24

Service Ports	24 × 10G/25G SFP28 + 8 × 100G QSFP28
Management Ports	RS-232 console via RJ45
	1GbE management port and USB storage
Power supply	2 × 350 W CRPS modules, hot-swappable
Cooling System	2 fan modules, front-to-back airflow
Memory	8 GB eMMC
	2 GB DRAM
CPU	Dual-core ARM Cortex-A53
Packet Switch capacity	2.8 Tbps (bidirectional)
Layer 2/Layer 3 Throughput	4.17 Gpps (bidirectional)
Power consumption	130 W (all ports active at line rate)
Typical Power consumption	116 W
Acoustic in dBA	TBD
Cooling [CFM]	76.98 CFM
MTBF	≥90,000 hours
Operating altitude	≤5,000 m
Dimensions	44.2 × 4.4 × 36 cm (W × H × D)
Operating temperature	0 °C to 40 °C

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N25GSM8QF48

Service Ports	48 × 10G/25G SFP28 + 8 × 100G QSFP28
Management Ports	RS-232 console via RJ45
	1GbE management port and USB storage
Power supply	2 × 800 W CRPS modules, hot-swappable
Cooling System	4 hot-swappable fan modules, front-to-back airflow
Memory	8 GB eMMC
	2 GB DRAM
CPU	Dual-core ARM Cortex-A53
Packet Switch capacity	Pending confirmation
Layer 2/Layer 3 Throughput	1.82 Gpps (bidirectional, manufacturer-rated)
Power consumption	TBD
Typical Power consumption	TBD
Acoustic in dBA	TBD
Cooling [CFM]	TBD
MTBF	≥90,000 hours
Operating altitude	≤5,000 m
Dimensions	44 × 4.4 × 47 cm (W × H × D)
Operating temperature	Pending confirmation

N10GSM8QF48

Service Ports	48 x 10G SFP+ + 8 x 100G QSFP 28
Management Ports	Console: RJ45 to RS232
	Ethernet: 1G Port Storage: USB
Power supply	2 x 550W CRPS
Cooling System	4 x Fan Modules (front-to-back airflow)
Memory	eMMc: 8GB
	DRAM: 2GB
CPU	Dual-core processor, ARM A53
Packet Switch capacity	2560 Gbps (bidirectional)
Layer 2/Layer 3 Throughput	3809.28Mpps (bidirectional)
Power consumption	140.36W

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Typical Power consumption	129.14W
Acoustic in dBA	TBD
Cooling [CFM]	TBD
MTBF	≥90000H
Operating altitude	≤5000m
Dimensions	44.2×4.4×42 cm
Operating temperature	0°C to 45°C

N10GSM48X2Q

Service Ports	48 x 10G Base-T, 4 x 10G SFP+, 2 x 100G QSFP28
Management Ports	Console: RJ45 to RS232
	Ethernet: 1G Port
	Storage: USB
Power supply	1 x 200W Fixed
Cooling System	4 x fixed fans (front-to-back airflow)
Memory	eMMc: 8GB
	DRAM: 2GB
CPU	Dual-core processor, ARM A53
Packet Switch capacity	1440Gbps (bidirectional)
Layer 2/Layer 3 Throughput	2142.72Mpps (bidirectional)
Acoustic in dBA	
Cooling [CFM]	157.98cfm
MTBF	≥70000H
Operating altitude	≤3000m
Dimensions	44.2×4.4×37.1cm
Operating temperature	0°C to 40°C

N10GSM24XP

Service Ports	24 x 10G Base-T (PoE++90W), 2 x 100G QSFP28
Management Ports	Console: RJ45 to RS232
	Ethernet: 1G Port Storage: USB
Power supply	2 x 600W CRPS
Cooling System	2 x Fan Modules (front-to-back airflow)
Memory	eMMc: 8GB

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	DRAM: 2GB
CPU	Dual-core processor, ARM A53
Packet Switch capacity	880Gbps(bidirectional)
Layer 2/Layer 3 Throughput	1309.44Mpps (bidirectional)
Power consumption	112W
Typical Power consumption	106W
Cooling [CFM]	72.78cfm
MTBF	≥90000H
Operating altitude	≤5000m
Dimensions	44.2×4.4×35.5cm
Operating temperature	0°C to 40°C

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SOFTWARE SPECIFICATIONS

Type	Feature	Description
Ethernet basic features		
Ethernet	interface	Ethernet interface operating modes(full duplex, half duplex, and auto-negotiation)
		Ethernet interface operating rates
		Jumbo Frame
		port-xconnect
	Flow-control	Flow-control tx/rx
	storm-control	Port based storm-control
		VLAN based storm-control
	Port-block	Port-block(know/unknown unicast; know/unknown multicast/broadcast)
	Port-isolate	L2/L3/All Port-isolate
		Uni-direction isolate
	L2 Protocol Tunnel	L2 Protocol Tunnel(support CFM/DOT1X/SLOW-PROTO/STP
	Forward mode	Store-and-forward
		Cut-through
VLAN	VLAN Access mode	Access/Trunk
		Default VLAN
	VLAN Classification	VLAN Classification(port based/mac based/IP based/protocol based)
	QinQ	Basic QinQ
		Selective QinQ
		VLAN Mapping(1:1 VLAN Translation)
	VLAN Statistics	VLAN Statistics
	Private VLAN	Private VLAN
	Voice VLAN	Voice VLAN
	Guest VLAN	Guest VLAN
MAC	MAC Address Table	Automatic learning and aging of MAC addresses
		Hardware Learning
		Static and dynamic MAC address entries

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		Blackhole MAC
	MAC Flapping detect	MAC Flapping detect
	Port Bridge	Port Bridge
LAG	Link aggregation	Static-LAG & LACP
		LAG load balance(SLB)
		LAG load balance(DLB)
		LAG load balance(RR)
		LAG Self-healing
		Link aggregation weighting
Ethernet Ring protection features		
xSTP	STP	Spanning-Tree Protocol
	RSTP	Rapid Spanning-Tree Protocol
	MSTP	Multi-instance Spanning-Tree Protocol
	Spanning-Tree Protocol Protection	BPDU Filter/Guard
		Root Guard
		Loop Guard
		Anti TC-BPDU attack
ERPS	ERPS	Single ERPS ring
		tangent ERPS rings
		intersecting ERPS rings
		compatible with RRPP
Loop back Detect	Loop back Detect	Loop back detection
Layer2 Multicast		
Layer2 Multicast	IGMP Snooping	IGMPv1/v2/v3 Snooping
		Fast leave
		Static IGMP snooping group
	MVR	MVR(Multicast VLAN Registration)
IPv4 Forwarding		
ARP	ARP	Static and dynamic ARP entries
		Aging of ARP entries
		Gratuitous ARP
	ARP proxy	basic ARP-Proxy
		local ARP-Proxy
IPv4 Unicast Routing	IPv4 Static Routes	IPv4 Static Routes

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		Black hole Routes
		co-work with IP SLA
		VRF(Virtual Routing and Forwarding)
		uRPF check
	RIP	RIPv1/v2
	OSPFv2	OSPFv2
	IS-IS	IS-IS
	BGP	IBGP
		EBGP
	Route policy	Route-map
		IPv4 prefix-list
	PBR	PBR(Policy-based Routing)
	ICMP	ICMP redirect
		ICMP unreachable
	ECMP	ECMP(SLB)
		ECMP(DLB)
		ECMP(RR)
		ECMP Self-healing
IPv4 Multicast Routing	IGMP	IGMPv1/v2/v3
		IGMP-Proxy
		IGMP SSM Mapping
	PIM	PIM-SM
		PIM-DM
IPv6 Forwarding		
IPv6 Basic Protocol	ICMPv6	ICMPv6
	NDP	NDP
IPv6 Unicast Routing	IPv6 Static Routes	IPv6 Static Routes
	RIPng	RIPng
	OSPFv3	OSPFv3
	IS-IS	IS-IS
	BGP4+	BGP4+
IPv6 Multicast Routing	MLD v1/v2	MLD v1/v2
	MLD v1/v2 Snooping	MLD v1/v2 Snooping
	MVR6	MVR6
	PIM-SM v6	PIM-SM v6
IP Tunnel	IPv6 over IPv4 Tunnel	IPv6 over IPv4 Tunnel
	6to4 Tunnel	6to4 Tunnel

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	ISATAP Tunnel	ISATAP Tunnel
IPv6 Service	DHCPv6	DHCPv6 Relay
		DHCPv6 Snooping
	IPv6 Prefix List	IPv6 Prefix-list
Device reliability features		
BFD	BFD	BFD for Static route
		BFD for OSPFv2
		BFD for VRRP/Track
		BFD for PBR
VRRP	VRRP	VRRP
		Track for VRRP
Smart Link	Smart Link	multi-instance
		load balance
		Multi-Link
		Monitor-link
MLAG	MLAG	MLAG basic
		MLAG orphan Port
Stacking	Stacking (Requires license)	Maximum number of stacked devices: 8
		Stack port: Any port or AGG
Ethernet OAM		
EFM	EFM (802.3ah)	Auto detection
		Network fault detection
		Network fault handle
		remote loop back
CFM	CFM (802.1ag)	Hardware CCM detect
		MAC Ping
		MAC Trace
PoE features	(Only on N10GSM24XP)	
PoE	System Power management	Power supply on-spot detection
		Power supply capability detection
		Power capability auto configuration (PSE)
	Power Supply Management	Legacy PD detection
		PD max power management
		PD priority management
		Power Supply Task Plan management(Not ready)
		PD Mandatory power supply
	operations management	PSE log

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		PSE Chipset temperature inquire
		PSE firmware update
QoS features		
QoS	Traffic classification	Traffic classification based on COS/DSCP (simple classification)
		Traffic classification based on ACL (complex classification)
		Traffic classification based on inner header of the tunnel packets
	Traffic behaviors	Queue scheduling
		Remark the priority fields(COS/DSCP) of the packet based on ACL
		Remark the priority fields(COS/DSCP) of the packet based on Table Map
		Flow redirection
		Flow mirror
	Traffic policing	Traffic policing based on direction(in/out) of Port
		Traffic policing based on direction(in/out) of VLAN
		Traffic policing based on direction(in/out) of flow
		Traffic policing based on direction(in/out) of aggregated flow
	Traffic shaping	Queue based traffic shaping
		Port based traffic shaping
	Congestion management	SP(Strict Priority)scheduling
		WDRR(Weighted Deficit Round Robin)scheduling (not on 400G switches)
		SP + WDRR mixed scheduling (not on 400G switches)
	Congestion avoidance	TD(Tail Drop)
		WRED(Weighted Random Early Detection)
	Traffic statistics	Packet counts and bytes statistics based on traffic

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		classification
		Packet counts and bytes statistics based on the color after traffic policing
		Forwarded and discarded packet counts and bytes statistics
	ECN (Explicit congestion	ECN tags based on Tail Drop (not on 400G switches)
		ECN tags based on WRED
Data Center		
VARP	Virtual gateway	VARP(Virtual-ARP)
		VARP subnet
Tunnel	VxLAN	Manual configure VxLAN tunnel
		VxLAN distributed gateway
		VxLAN active-active access
		Interconnect across Data Centers based on VxLAN
		Edit DSCP in VxLan outer header
		BGP EVPN
		Support to enable/disable overlay split horizon per-VNI
	GRE Tunnel	GRE Tunnel
	NVGRE Tunnel	NVGRE Tunnel
	GENEVE Tunnel	GENEVE Tunnel
DCB	DCBX	LLDP support DCBX TLV
	PFC	PFC
Metro Feature	(Requires License)	
MPLS	LDP	LDP
	MPLS Forwarding	MPLS Forwarding
	VPWS	VPWS (L2VPN)
	VPLS	VPLS (L2VPN)
	L3VPN	L3VPN
	MPLS OAM	MPLS OAM
	MPLS Stats	MPLS Stats
	ACL	ACL
	Qos	Qos
Security and management		
System Security	SSH	SSHv1/v2

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		RSA Key generation
	RADIUS	RADIUS
	TACAS+	TACAS+
	AAA	Authentication
		Authorization
		Accounting
	Dot1x	Port based dot1x
		MAC based dot1x
		Guest VLAN
	ACL	MAC/IP ACL
		Basic Mode ACL
		Port-group ACL
		VLAN-group ACL
		IPv6 ACL
		ACL UDF
		Time Range
	ARP Inspection	ARP Inspection
	IP Source Guard	IP Source Guard
	Port Security	Limitation on MAC address learning on interface
	VLAN Security	Limitation on MAC address learning on VLAN
	Control Plane Policy (COPP)	Black list/wihte list
		Rate limit
	CPU Traffic Limit	CPU Traffic Limit
	Prevent DDOS attack	Prevent DDOS attack (ICMP Flood/Smurf/Fraggle/LAND/SYN Flood)
	Login filter	Telnet/SSH ACL filtering
		Telnet/SSH IPv6 ACL filtering
	MAC Security (not on N10GSM8QF48)	MacSec(802.1AE)
	Link-Flapping detection	Link-Flapping detection
Network Management	DHCP	DHCP Server
		DHCP Relay
		DHCP Snooping
		DHCP Client
		DHCP Option82
		DHCP Option252
	RMON	RMON
	sFlow	sFlow v4/v5

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	IP SLA	IP SLA
	IPFIX	IPFIX
	EFD	Elephant Flow Detection
	NTP	NTP(Network Time Protocol)
	PTP（IEEE 1588）	TC（Support P2P/E2E、Ethernet/Udp Transport）
		BC/OC(Support OneStep/TwoStep、Request-response/Peer-delay Ethernet/Udp Transport)
	Err-disable	Err-disable detection and recovery
	DNS	Static DNS Client
	LLDP	LLDP
Terminal Services	Command Line Interface	Configurations through CLI (Command Line Interface)
	Help information	Banner configuration
		Help information in English
	Terminal service	Vty Terminal service
		Console Terminal service
	Management interface	In-band management interface and configuration
		Out-band management interface and configuration
Configuration and maintenance		
Configuration Management	SNMP	Network management based on SNMPv1/v2c/v3
		Public and private MIB
		Public and private Trap
	WEB	Configuration and management based on WEB UI
	Cloud Management	Automatic device connection management
		Zero-configuration deployment
		Automatic network topology
		Network monitoring and alarm notification
		Configuration and one-click rollback

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		Cross-network tunneling connection to network device(web/ssh/telnet)
		Scheduled tasks deployment
	RPC-API	Configuration and management based on RPC-API
	Smart Config	Smart Config(Automatically configuration when system start)
	system profile configuration	change the system specifications by choose different STM Profiles
	Restore factory default configuration	Restore factory default configuration
File System	File system	File system(support directory and file management)
	Upload and download	Upload and download files through FTP or TFTP
		Upload and download files through Xmodem
Debugging And Maintenance	Debug	per-module Debug features
		ICMP Debug
	BHM	Software process monitor: BHM(Beat Heart Monitor)
		Hardware Watch Dog
	Log & alarm	CPU usage display and alarm
		Memory usage display and alarm
		Device temperature, PSU, FAN, status display and alarm
		User operation logs
		Management of logs, alarms, and debugging information
	VCT	VCT(Virtual Cable Test)
	system diagnostics	Detailed Diagnostic-information collection
	Reboot	Manual reboot
		Schedule Reboot
		Reboot Information logging
	network diagnostics	Ping

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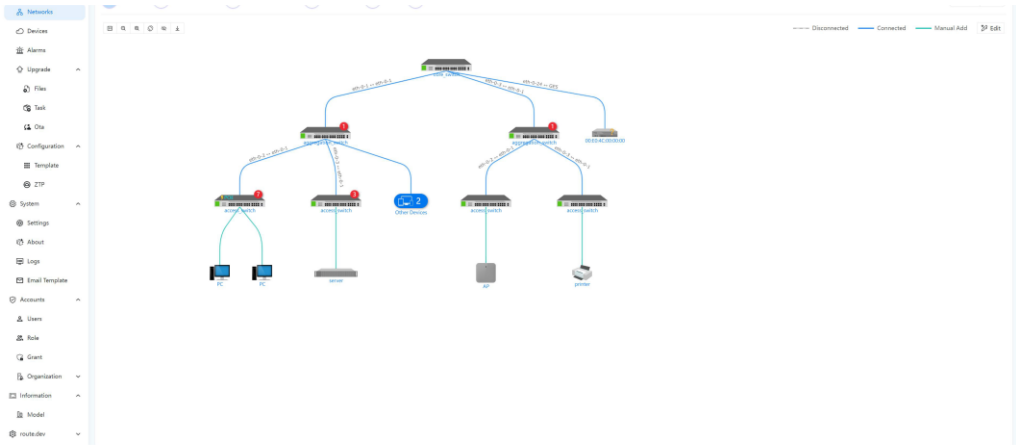
		IPv6 Ping
		Trace route
	mirror	Port mirror
		Flow mirror
		Remote mirror
		Multi-destination mirror(m:n)
		Use CPU as mirror source
		Use CPU as mirror destination and analyze packet
		ERSPAN
	CPU statistics	To CPU/From CPU packets statistics
	L2 Ping	layer2 network connectivity detection – L2Ping (MAC Ping/Trace)
	UDLD	UDLD(Unidirectional Link Detection)
	unidirectional	unidirectional forwarding of the fiber
	Loop back	port loop back
		hardware loop back(internal/external)
	System time	Time configuration
		Timezone
Software	System software upgrade	Update via TFTP
upgrate	Uboot upgrade	Uboot upgrade

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Cloud Management System

The Cloud Management System is a networking management system, designed for enterprise AV networks, Broadcast networks and SMB network environments. It provides comprehensive management functionalities—from ZTP (Zero Touch Provisioning) deployment to device onboarding, device monitoring, remote configuration and maintenance, OTA upgrades, panel simulation, configuration rollback, and template-based configuration.

- Public cloud deployment and internal local area network deployment via the same Software Platform.
- Integrated secure remote tunneling technology enables network operation and maintenance from anywhere.
- ZTP (Zero Touch Provisioning) management and launch.
- Automatic topology discovery and visualization. Simulation panel control and monitoring.
- Multi-organization mode and single-organization mode simultaneously.



FEATURES

Feature	Support
Public cloud deployment	Provide device management services
	based on the public network
Local Area Network Deployment	Provide device management services based on the local area network

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Multi-organization operation	Multiple enterprises / groups / organizations share a management platform with isolated permissions.
Single organization operation	A single organization uses a single management platform.
Multiple “networks” can be created, and independent management permissions can be configured for each.	
Graphical simulation panel	
Port connection status monitoring	
CPU utilization monitoring	
Memory utilization monitoring	
Flash utilization monitoring	
FAN utilization monitoring	
PSU utilization monitoring	
Vendor information discovered	
Module type information display	
Temperature monitoring	
Voltage(V) monitoring	
Current(mA) monitoring	
Tx /RxPower(dBm) monitoring	
Custom port enable/disable plan	Daily /Weekly/ Specified Date
	Multiple plans
	Custom port range
Upstream Traffic monitoring	
Downstream Traffic monitoring	
Upstream Packet Rate	
Downstream Packet Rate	
ShowRunningConfig	
ShowStartupConfig	
One-click Configuration Rollback	
Configure the switch based on the reference template	
POE Config	Enable / Disable PoE
	Priority adjustment
	Alarm Threshold Config
	System Reserved Power Config
POE Monitoring	Port Power Status
	Port Current(mA)/Voltage(V)
	Port PSE Chip Temperature(℃)
	Port Priority
	Port Actual Power(W)

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	System PoE Total Power budget
	System Total Used / Available Power
Obtain device logs	
Obtain the device diagnostic report	
Remote WEB access based on tunneling technology	
Remote SSH access based on tunneling technology	
Remote TELNET access based on tunneling technology	
TOP drawing	Automatic drawing based on the neighbor discovery protocol
	Manual drawing and editing
Manually add third-party device	Computer
	Switch
	Printer
	Router
	Server
	Custom
	AP
Registration to DHCS	USB disk ZTP method
	DHDP Automatic discovery protocol
	Manual CLI registration
	WEB GUI interface registration
Bind a device to a network	Binding code binding
	Network number binding
Port number and connection relationship	
Alarm indication bubble	
Adjust the top direction	
Zom in/out	
Top Download	
Handover	Automatically generate handover report
	Automatic transfer of authority
authorization	Provide temporary or permanent
	network access privileges for other accounts.
Network Alarm	Loop Detection Alarm
	CRC Error Alarm
	Link Aggregation Group Alarm
Optical Alarm	Optical Power Degradation Alarm (Serious)
	Optical Power Degradation Alarm (General)
	Temperature Alarm (Serious)

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	Temperature Alarm (General)
	Voltage Alarm (Serious)
	Voltage Alarm (General)
	Current Alarm (Serious)
	Current Alarm (General)
Resource Alarm	CPU Usage Alarm
	Memory Usage Alarm
	Storage Usage Alarm
	Critical Port Failure
	Temperature Alarm
	Fan Alarm (Speed 100%)
	Fan Alarm (Speed 0%)
	Fan Alarm (Fail)
	Downlink Traffic
	Uplink Traffic
	POE Power Alarm (Threshold)
	POE Power Alarm (Reserved)
Reboot Alarm	Manual Reboot
	Power Off Reboot
	Over Temperature Reboot
Alarm message notificati on	Top bubble
	E-Mail
	Mobile phone message service
	WeChat
	Customized other message channels
Upgrade package file management	
Scheduled upgrade package delivery	
Scheduled restart function (reducing the impact of network interruptions on business operations)	
Configuration template addition, edit, download, and deletion	
Automatically generate ZTP templates	
Host machine monitoring	CPU/Memory/Disk/TCP Connection Status
	/System /Network Traffic
Platform Setting	Platform Owner Setting
	cloud service domain name or ip address Settin g
	Default Language Setting
	System Display Name Setting

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	Copyright information Setting
	Privacy Policy Setting
	User Agreement Setting
	Service Agreement Setting
	Login Page Logo Setting
	Browser Icon Setting
	Top-left Logo Setting
	SMTP Server and ID Setting
	WeChat Setting
Operate Log	Automatically record all user operation logs
Email Template	Customize Email Notification Message Template
Purchase license files flexibly based on the size of the network.	
account	Account addition / edit / lock / deletion
roles	Customized roles and role permissions
Authorization	Granting authorization to accounts
	based on role definitions

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Fiber Modules

Niveo Professional offers a wide range of fiber modules, AOC and DAC cables to support full Data centre and Broadcast applications. All modules are unlocked. Open standard for flexible and cost effective use on Niveo switches as well as most third party switches.

NVSM550U	1-P 1000Base-SX Mini-GBIC Module (SM, SFP)
NVMSX550U	1-P 1000Base-SX Mini-GBIC Module (MM, SFP)
N10GMM	10G SPF+ 850nm-MMF-33/83/300m
N10GSM	10G SFP+ 1310nm-SMF-10km
N100GMM	100G QSFP28 SR4 850nm 100M
N100GSM	100G QSFP28 LR4 1310nm 10KM
N100GSM-2K	QSFP-100G-FR-S : 100GBASE-FR1 QSFP Transceiver, 2km over SMF
N400GSM-500	400GBASE-DR4 QSFP-DD-Transceiver, up to 500m over parallel SMF
N400GSM-2K	400GBASE-FR4 QSFP-DD transceiver, up to 2km over duplex SMF
NRS-D1G1	1G SFP Passive DAC Cable 1M
NRS-D10G1	10G SFP+ Passive DAC Cable 0,5M
NRS-D25G1	25GbE SFP25 to SFP25 DAC cable, 1M
NRS-D40G1	40GbE QSFP to QSFP DAC cable, 1 m
NRS-D40G4-10G	40GbE QSFP to 4 × 10GbE SFP+ breakout DAC cable, 1 m
NRS-D100G1	100G QSFP28 Passive DAC Cable 0,5M
NRS-A400G1	400GbE QSFP-DD to QSFP-DD Active Optical Cable, 1 meter
N10GBT-T	SFP-10G-T RJ45 10GBASE 30M Copper Transceiver

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WHO IS NIVEO PROFESSIONAL?

- Manufacturer of AV-Centric Networking Equipment
- Pioneer in the AV-Industry
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