Product Catalog: Networking Hardware

◆ Product 1: AX9000 Tri-Band Wi-Fi 6 Router

Category: Router
Model: AX9000
Release Date: March 2024

Specifications:

Feature	Details
Wi-Fi Standard	Wi-Fi 6 (802.11ax)
Bands	Tri-Band (2.4 GHz + 2 x 5 GHz)
Max Throughput	Up to 9.6 Gbps
Processor	1.8 GHz Quad-Core
RAM / Storage	1 GB DDR4 / 512 MB Flash
Ports	1x 2.5Gbps WAN, 4x Gigabit LAN, 2x USB 3.0
Security	WPA3, Firewall, VPN
Power Consumption	45W (typical)
Warranty	2 Years
Special Features	Beamforming, MU-MIMO, OFDMA, App Control

◆ Product 2: SX500 Managed Layer 3 Switch

Category: Network Switch
Model: SX500
Release Date: September 2023

Specifications:

Feature	Details
Type	48-Port Gigabit Layer 3 Switch
Uplink Ports	4x 10Gb SFP+
Switching Capacity	176 Gbps
Forwarding Rate	130.9 Mpps
VLAN Support	Yes (802.1Q)
QoS	Layer 2 and Layer 3 QoS
Power Supply	Internal, 100-240V AC
Power Consumption	120W max
Dimensions	440mm x 310mm x 44mm
Warranty	3 Years

Feature	Details
Special Features	Static Routing, SNMP, Link Aggregation

🔷 Product 3: NR3000 Industrial 5G Router

Category: Industrial Router
Model: NR3000
Release Date: January 2025

Specifications:

Feature	Details
Network Support	5G NR, 4G LTE, fallback to 3G
Ethernet Ports	2x Gigabit LAN, 1x Gigabit WAN
VPN	IPsec, OpenVPN, GRE
SIM Slots	Dual SIM (failover supported)
Operating Temp	-40°C to +70°C
Certifications	CE, FCC, PTCRB
Power Input	9–36V DC
Power Consumption	15W typical
Warranty	5 Years
Special Features	GPS, Digital I/O, Remote Monitoring via SMS/Cloud

📦 Product Comparison Table (Snapshot)

Model	Type	Max Speed / Capacity	Warranty	Key Features
AX9000	Wi-Fi 6 Router	9.6 Gbps	2 Years	Tri-band, Beamforming, WPA3
SX500	Layer 3 Switch	176 Gbps	3 Years	VLAN, QoS, Static Routing
NR3000	Industrial Router	5G + LTE	5 Years	GPS, Dual SIM, -40°C to 70°C