



NE-25 EDGE
Appliance Tech Sheet
Version 5.0



NESECURETM

networks

NE-25 EDGE

NE-25 is a NE-Edge appliance which is powered by NE-OS with SD WAN Capabilities. NE-25 provides business continuity and Multi-Fabric WAN like MPLS, ILL and Broadband links along with 4G/LTE connectivity. Router supports Dual LTE SIM with Active –Active mode. It enables users to access critical applications seamlessly.

It transforms your network edge to deliver high-performance, secure, and reliable services to unite standalone offices, campuses, data centers, and branch networks.

NE-25 is built with basic firewall like DoS, DDoS, SPAM protection, anti-spoofing and anti-flooding Filters, URL whitelisting and blacklisting and UTM features with IPS and IDS. It also supports Dynamic QoS to efficiently use the resources.

It helps customers to avail redundant last mile services where data outages are common.

It supports Bandwidth Aggregation on both WAN and VPN interfaces to enhance bandwidth usages and business continuity.

It can be managed through NE-Control (SD-WAN controller) with Zero Touch Provisioning, Central configuration Management and much more.



*ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.



NE- 25 EDGE Appliance

Hardware	
Main Chipset	MT7628AN
RAM	DDR2 64MB (MAX Support 256MB)
SPI FLASH	8 MB (MAX 32MB)
Protocol	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE802.11a IEEE 802.3, IEEE 802.3u
Wireless Speed	300 Mbps
Reception Sensitivity	11N HT20 MCS7: -72dBm 11N HT40 MCS7: -69dBm 11G 54Mbps: -74dBm 11B 11Mbps: -86dBm
Work Channel	2.4GHz choose: 1-13 5GHz choose : 149, 153, 157, 161, 165
Wireless Rate	Max 1200Mbps (depends on the 11AC mode)
Antenna	2pcs 2.4G wifi antennas, 4pcs 4G antennas, 1GPS antennas interface Peripheral SMA interface

Hardware	
Interface	1*10/100M WAN port (Auto MDI/MDIX); 3*10/100M LAN ports (Auto MDI/MDIX); DC slot 2pcs SIM card slot 2pcs Built-in PCIE interface
LED	light,2.4G,WAN,LAN1,LAN2,LAN3,LAN4 4G signal 1, 4G signal 2, 4G signal 3,4G signal 4,4G signal 5,
Button	1*Reset button
Max Power consumption	≤24 W
Power Supply	DC 12V / 2A
Dimension (L*W*H)	16.9*11*2.7cm

NE- 25 EDGE Appliance

Software Specifications	
NE-WAN Compatible	Yes
Management	Telnet,SSH,Web,API,TR069,SNMP
Routing	Static ,eBGP ,iBGP, OSPF
IP Services	IPv4,NAT/PAT,SNMP,DHCP(Client/Server/Relay),SSH,NTP
VPN	PPP,PPPoE,IPSec,PPTP,L2TP,OVPN,MWAN
VLAN support	Yes
Pseudowire L2 Extention	Yes
DDNS	Yes
Load Balancing	Yes
Traffic Shaping (QoS)	Yes
Diagnostic tools	Ping, Traceroute
SNMPv2/v3	Yes
Packet sniffer and analyser	Yes
VRRP support.	Yes
Geo-Location	Yes

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Physical Specifications	
Work	Operating Temperature: 0°C - 60°C;
	Storage Temperature: -60°C 70°C;
	Operating Environments -
	Operating Humidity: 10% 90% non-condensing Storage Humidity: 10%"90% non-condensing
Adapter	12V 1 A
4G LTE Specifications	
LTE Modem	2, Internal Modules
SIM Slot	2 SIMs
4G/LTE Bands	FDD : B1/B3/B5/B8 TDD:B34/B38/B40/B41 WCDMA:B1/B8 TD-SCDMA : B34/B39
2G/3G Bands	EVDO /CDMA :BC0 GSM : B3/B8
GPS	Integrated with Modem + External Antenna (Optional)

Security	
AAA	Local database ,Radius, TACACS+
Basic Firewall	DoS,SPAM,Flooding,Spoofing Filter
Policies	IP/MAC/Application Port based policy support
MAC binding	Yes
URL Filtering	Whitelist/Blacklist
Third Party CA Cert	Yes
IKE1/IKE2	Yes
GCM and HMAC Support	Yes
SHA 1/2/3	SHA1/2/3
Stateful Packet Inspection	Yes
GeoIP Blocking	Yes
IPS/IDS	Yes
Lateral Security	Yes
Compliances	
Safety	CE
EMC	FCC,EN
Environmental	RoHS
Wi-Fi	Wi-Fi, WPC



Nesecure Networks Pvt. Ltd. has rapidly deployed 21,000+ managed VPN Links across the geographic terrain of India. This is geography where last mile always poses a challenge to many organizations. Maximum SMEs and Large enterprises face challenges in network insights as all networks are complex and difficult to manage.

NE-WAN is our latest flagship solution which is a Managed Software Defined WAN solution. We have successfully tested NE-WAN (Managed SD WAN) with different segments and various parameters to provide you with a single screen access to you network management. The NE- WAN ensures scalability and boosts security, visibility and better control to your network.

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