INFInxt
THE NEXT GENERATION SD WAN

DC-12V   COM   LAN/WAN

NEXT GENERATION SD-WAN

is a transformational way to architect, deploy and operate corporate WANs, as it provides a simplified way of deploying and managing remote branch office connectivity in a cost-effective way.

VIRTUAL WAN FABRIC

- Secure overlay fabric
- Transport independence
- Network segmentation

SD-WAN GATEWAY

- Local policy enforcement
- WAN path selection, network QoS, firewall, service chaining
- Telemetry feedback loop to/from SD-WAN controller

SD-WAN CONTROLLER

- Establishes and manages secure virtual overlay to sites
- Defines service chains to enable policy goals
- Manages distribution of interpreted policy to individual elements

MANAGEMENT PORTAL

- Single pane of glass for network configuration and management : cloud-hosted and on-premises
- Zero touch provisioning
- Portal where user defines global policies
- Aggregated visibility on application performance
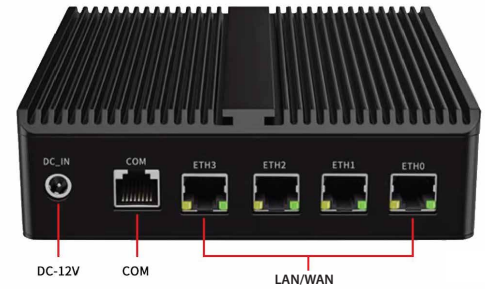
SD-WAN FEATURES

Routing	OSPF, BGP, Static, PBR, PPPOE
User Experience	Application Prioritisation over available WAN
GPS (Optional)	Geo-Location tagging for device Geo-Fencing
VPN	Site-to-Site, L2TP, GRE, DMPVN, Remote VPN
QOS	Shaping Policy, Rate Limiter, Traffic Policies IPv4/IPv6, Traffic Shaper, DSCP Tagging
NAT	Source NAT, Destination NAT, NATv6, NAT Traversal
Network Visibility	Streaming Telemetry
Dynamic Multi-path Optimisation	KPI's–Jitter, Packet Loss, Latency, Per packet, Per Flow Load Balancing, Link Aggregation
Application Visibility	800+ Applications, Application Awareness
High Availability	VRRP, Clustering
WAN Overlay over Cloud	Public-AWS, Azure, Private
WAN Policy	WAN Aggregation, LTE and Broadband Intelligent KPI Based Switchover
Advanced LTE	LTE Primary and Bandwidth Aggregation; auto detection and register to a recognized LTE/5G/4G networks; support for external antennae and M2M SIMs
Troubleshooting	Bandwidth Measure, IPERF, Packet Capture, Alerts, Logs
Local Device management	GUI, SSH

Class Leading Streaming Telemetry

HARDWARE SPECIFICATION

Appliance Model	iEdge-100S
Deployment Mode	Branch/Hub
Core/s	4/8
Chipset	Intel I3-N305
CPU Architecture	x86
Memory(GB)	8 - 16
Storage	64 - 512 GB SSD
Network Interfaces	Universal 4 X 2.5G
USB(Supports 3G/4G Dongle for WAN)	2 x 2.0 , 2 X 3.0
V.35 Serial Port	Supported through external convertor
SIM Slot(3G/4G/LTE)	1 x 3G/4G/5G, 1 x 3G/4G
Console	RJ-45
WiFi	Optional (Dual Band, 802.3 b,g,n,ac Wave 1, 1X1 MIMO)
Power Supply	12V/ 4A External DC adapter
Power Input(AC)	230 V
Power Rating(W)	48
Operating Temperature	-10C to 60C
Humidity	5%-95% Relative Humidity, Non-Condensing
Physical Dimensions(LxWxH)mm	136 x 126 x 40
Weight(kg)	1
Form Factor	Deskmount

AGGREGATED PERFORMANCE

Aggregated SD-WAN Throughput(Gbps)	3
Aggregated IPSEC/Secure Tunnel VPN throughput(Gbps)	0.6
Packets Per Second(Mpps)	5.9

SESSIONS

New Connections Per Second	Up to 12K
Max Sessions(IPv4 or IPv6)	Up to 64K

POLICIES

NAT Rules	500

ROUTING

IPv4 Forwarding Table Size	Up to 800K
IPv6 Forwarding Table Size	Up to 100K

QOS

Number of QoS Policies	100
DSCP Marking by Policy	Yes

IPSEC/Secure Tunnel VPN

Site-to-Site	200

INFINXT REMOTE ACCESS VPN

Max tunnels (Client based tunnel)	250

HIGH AVAILABILITY

Device Count	2