



## 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.



- Secure overlay fabric
- Transport independence
- Network segmentation

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

- 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



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 Capability
Troubleshooting	Bandwidth Measure, IPERF, Packet Capture, Alerts, Logs



HARDWARE SPECIFICATION	
Appliance Model	iEdge-1000M
Deployment Mode	Branch/Hub
Core/s	8/16/24
Chipset	Intel Xeon D-2876NT
CPU Architecture	x86
Memory(GB)	128 - 256
Storage	256 - 1024 GB SSD
Network Interfaces	Universal 8 X 1G, 4 X 10G SFP+ slots, 2 X NIM slots for expansion
USB(Supports 3G/4G Dongle for WAN)	2 X 3.0
V.35 Serial Port	Supported through external convertor
SIM Slot(3G/4G/LTE)	Optional
Console	RJ-45
WiFi	NA
Power Supply	1+1 redundant SMPS, hot-plug as optional
Power Input(AC)	230 V
Power Rating(W)	300
Operating Temperature	0C to 40C
Humidity	5%-95% Relative Humidity, Non-Condensing
Physical Dimensions(LxWxH)mm	438 x 420 x 44
Weight(kg)	8.23
Form Factor	Rackmount 1 RU
AGGREGATED PERFORMANCE	
Aggregated SD-WAN Throughput(Gbps)	120
Aggregated IPSEC/Secure Tunnel VPN throughput(Gbps)	30
Packets Per Second(Mpps)	176.4
SESSIONS	
New Connections Per Second	Up to 900K
Max Sessions(IPv4 or IPv6)	Up to 16M
POLICIES	
NAT Rules	10000
ROUTING	
IPv4 Forwarding Table Size	Up to 10M
IPv6 Forwarding Table Size	Up to 1.56M
QOS	
Number of QoS Policies	7650
DSCP Marking by Policy	Yes
IPSEC/Secure Tunnel VPN	
Site-to-Site	10000
INFINXT REMOTE ACCESS VPN	
Max tunnels (Client based tunnel)	5000
HIGH AVAILABILITY	
Device Count	2



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