Netgate 6100 Security BASE



Tuote

Tuotekoodi:	NETGATE 6100 BASE

Tekniset tiedot

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The Netgate 6100 is an ideal edge gateway solution for any organization in need of versatile network connectivity with 1 to 10 Gbps flexible WAN/LAN connections and 8 GB of DDR4 memory to deliver exceptional throughput performance.
L3 Forwarding
IPERF3 Traffic: 18.76 Gbps (1.61 Mpps)

IMIX Traffic: 6.62 Gbps (2.27 Mpps)
Firewall
(10k ACLs)
IPERF3 Traffic: 10.07 Gbps (862 kpps)

IMIX Traffic: 2.67 Gbps (941 kpps)
IPsec VPN
(AES-GCM-128 w/QAT)
IPERF3 Traffic: 2.07 Gbps (186 kpps)

IMIX Traffic: 545 Mbps (187 kpps)
Netgate 6100 performance tests conducted with pfSense plus software version 21.05 RC
The Netgate 6100 will also be compatible with TNSR software. TNSR is a high-performance software router capable of producing considerable performance increases far beyond the limits of pfSense Plus software.
Netgate-6100-Specifications
CPU: Quad-Core 2.2 GHz Intel Atom CPU, with integrated AES-NI and QAT (QuickAssist Technology) significantly improves encrypted throughput and increases RAM performance by up to 50%.
Network Ports: (2) 10 GbE SFP+ Ports, (2) 1 GbE Combo Ports (RJ45/SFP), and (4) discrete, unswitched 2.5 Gbps Ports allow for versatile WAN connectivity.
Storage: 16 GB eMMC (or optional 128 GB NVMe M.2 SSD)
Memory: 8 GB DDR4 RAM, DDR4 memory allows more stable, higher transfer rates for memory-intensive applications (e.g. IDS/IPS).
Cooling: The passive cooling system and low power draw of the Netgate 6100 provides efficient thermal management and silent operation expected from smaller devices despite its significantly higher performance.