

6000



DIMENSIONS & POWER		INTERFACES & MODULES				
Form Factor	Rack Mounted	Ethernet Interfaces	8 x 1 GbE RJ45, 2 x 10 GbE SFP+			
Dimensions (H x W x D)	44 x 438 x 508 mm (1.73 x 17.24 x 20.00 in)	Power-over-Ethernet Interfaces	Yes (Using optional Expansion Module)			
Rack Mountable	Yes (Included)	Ethernet Bypass Interfaces	-			
DIN-rail Mountable	-	Console Port	1 x COM RJ45			
Maximum Power Consumption	140.3 Watt	Number of Expansion Slots	Two (2)			
Power Supply (AC)	100-240 VAC, 50-60 Hz	OPERATING ENVIRONMENT & CERTIFICATIONS				
Power Supply (DC)	48 VDC (Optional)	Safety	CE, UL, TUV			
Redundant Power Supplies	Yes (Optional)	EMC	FCC, CE, VCCI			
Hot-swappable Power Supplies	Yes	Operating & Storage Humidity	0 % to 95 % (Non-condensing)			
		Operating Temperature	0°C to 40°C (32°F to 104°F)			
SYSTEM PERFORMANCE & CAPACITY		NETWALL 6200	NETWALL 6600			
Firewall Throughput ¹ (1518 / 512 / 64 byte, UDP)		20 / 20 / 2.58 Gbps	50 / 20 / 2.58 Gbps			
Firewall Throughput ¹ (Packets per Second)		4.7 Mpps	4.7 Mpps			
Concurrent Connections		5,000,000	8,000,000			
New Connections/Second (TCP)		300,000	300,000			
IPsec VPN Throughput ² (1420 / 512 / 64 byte, UDP)		5 / 5 / 0.78 Gbps	15 / 6 / 0.78 Gbps			
IPsec VPN Throughput ² (Software Only) (1420 / 512 / 64 byte, UDP)		1.12 / 0.82 / 0.20 Gbps	1.12 / 0.82 / 0.20 Gbps			
Gateway-to-Gateway or Roaming IPsec VPN Tunnels		2,500	5,000			
OneConnect VPN Throughput (TCP)		2 Gbps	3.5 Gbps			
OneConnect VPN Tunnels		2,500	5,000			
VLANs		4,096	4,096			
Virtual Routers		250	500			
EXPANSION MODULES						
						
8 x 1 GbE RJ45 Copper CM-NET84	8 x 1 GbE RJ45 SFP No Transceivers Incl CM-NET85	PoE, 8 x 1 GbE RJ45 Copper Incl External 48V PoE PSU CM-POE86	4 x 10 GbE SFP+ No Transceivers Incl. CM-NET143	IPsec Accelerator & 4 x 10 GbE SFP+ No Transceivers Incl. CM-SEC144	2 x 25 GbE SFP28 No Transceivers Incl CM-NET220	2 x 40 GbE QSFP No Transceivers Incl. CM-NET420

¹ Firewall Throughput tested according to RFC2544 ² IPsec VPN performance test uses AES-CGM-128 (CV16)