



# NetScreen-5GT/Extended Security Appliance

## SPECIFICATIONS

Weighing in at less than 2 pounds, the NetScreen-5GT is a feature rich enterprise-class network security solution with one Untrust 10/100 Ethernet port, four Trust 10/100 Ethernet ports, a console port and a modem port. Using the same firewall, VPN, and DoS mitigation technology as NetScreen's high-end central site products, the NetScreen-5GT is fully capable of securing a remote office, retail outlet, or a broadband telecommuter. The NetScreen-5GT supports dial-backup or dual Ethernet ports for redundant Internet connections when network uptime is business critical. The NetScreen-5GT supports embedded virus scanning using Trend Micro's antivirus technology.



	NetScreen-5GT 10 user or plus	NetScreen-5GT Extended		NetScreen-5GT	NetScreen-5GT Extended
<b>Maximum Performance and Capacity<sup>(1)</sup></b>			<b>Antivirus<sup>(2)</sup></b>		
Firewall performance	75 Mbps	75 Mbps	Embedded Scan Engine	Yes	Yes
3DES performance	20 Mbps	20 Mbps	External antivirus (Trend Micro)	No	No
Deep Inspection performance	75 Mbps	75 Mbps	Antivirus signatures	>80,000	>80,000
Concurrent sessions	2,000	4,000	Protocols (POP3,SMTP,HTTP)	Yes	Yes
New sessions/second	2,000	2,000	HTTP Webmail only	Yes	Yes
Policies	100	100	Maximum AV Users	10 or 25 <sup>(3)</sup>	25 <sup>(4)</sup>
Interfaces	5 10/100 Base-T	5 10/100 Base-T	Automated Pattern file updates	Yes	Yes
<b>Mode of Operation</b>			<b>Firewall and VPN User Authentication</b>		
Layer 2 mode (transparent mode) <sup>(5)</sup>	Yes	Yes	Built-in (internal) database - user limit	up to 100	up to 100
Layer 3 mode (route and/or NAT mode)	Yes	Yes	3rd Party user authentication	RADIUS, RSA SecurID, and LDAP	RADIUS, RSA SecurID, and LDAP
NAT (Network Address Translation)	Yes	Yes	XAUTH VPN authentication	Yes	Yes
PAT (Port Address Translation)	Yes	Yes	Web-based authentication	Yes	Yes
Home/work zones	Yes	Yes	<b>System Management</b>		
Dual Untrust	Yes	Yes	WebUI (HTTP and HTTPS)	Yes	Yes
DMZ	No	Yes	Command Line Interface (console)	Yes	Yes
Dial backup	Yes	Yes	Command Line Interface (telnet)	Yes	Yes
Policy-based NAT	Yes	Yes	Command Line Interface (SSH)	Yes, v1.5 and v2.0 compatible	Yes, v1.5 and v2.0 compatible
Virtual IP	1	1	NetScreen-Security Manager	Yes	Future
Mapped IP	32	32	All management via VPN tunnel on any interface	Yes	Yes
Users supported	10 or Unrestricted	Unrestricted	Rapid deployment	Yes	Yes
<b>Firewall</b>			<b>Logging/Monitoring</b>		
Number of network attacks detected	31	31	Syslog (multiple servers)	External, up to 4 servers	External, up to 4 servers
Network attack detection	Yes	Yes	E-mail (2 addresses)	Yes	Yes
DoS and DDoS protections	Yes	Yes	NetIQ WebTrends	External	External
TCP reassembly for fragmented packet protection	Yes	Yes	SNMP (v2)	Yes	Yes
Malformed packet protections	Yes	Yes	Standard and custom MIB	Yes	Yes
Deep Inspection firewall <sup>(6)</sup>	Yes	Yes	Traceroute	Yes	Yes
Protocol anomaly	Yes	Yes	<b>Virtualization</b>		
Stateful protocol signatures	Yes	Yes	Virtual Routers (VRs)	2	2
Protocols supported	HTTP, FTP, SMTP, POP, IMAP, DNS	HTTP, FTP, SMTP POP, IMAP, DNS	<b>Routing</b>		
Number of application attacks detected w/DI	over 250	over 250	OSPF/BGP dynamic routing	2 instances each	2 instances each
Content Inspection	Yes	Yes	RIPv2 dynamic routing	2 instances	2 instances
Malicious URL filtering	up to 48 URLs	up to 48 URLs	Static routes	1,024	1,024
External URL filtering (Websense)	Yes	Yes	Source-based routing	Yes	Yes
<b>VPN</b>			<b>High Availability (HA)</b>		
Concurrent VPN tunnels	up to 10	up to 25	HA mode	None	HA Lite
Tunnel interfaces	up to 10	up to 10	Firewall/VPN session synchronization	No	No
DES (56-bit), 3DES (168-bit) and AES encryption	Yes	Yes	Redundant interfaces	No	Yes
MD-5 and SHA-1 authentication	Yes	Yes	Configuration synchronization	No	Yes
Manual Key, IKE, PKI (X.509)	Yes	Yes	Device failure detection	No	Yes
Perfect forward secrecy (DH Groups)	1,2,5	1,2,5	Link failure detection	No	Yes
Prevent replay attack	Yes	Yes	Authentication for new HA members	No	Yes
Remote access VPN	Yes	Yes	Encryption of HA traffic	No	Yes
L2TP within IPSec	Yes	Yes	Dial Backup <sup>7</sup>	Yes	Yes
IPSec NAT traversal	Yes	Yes	Dual Untrust	Yes	Yes
Redundant VPN gateways	Yes	Yes			
VPN tunnel monitor	Yes	Yes			

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<b>IP Address Assignment</b>		
Static	Yes	Yes
DHCP, PPPoE client	Yes	Yes
Internal DHCP server	Yes	Yes
DHCP relay	Yes	Yes

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<b>PKI Support</b>		
PKI certificate requests (PKCS 7 and PKCS 10)	Yes	Yes
Automated certificate enrollment (SCEP)	Yes	Yes
Online Certificate Status Protocol (OCSP)	Yes	Yes
Certificate Authorities Supported		
Verisign CA	Yes	Yes
Entrust CA	Yes	Yes
Microsoft CA	Yes	Yes
RSA Keon CA	Yes	Yes
iPlanet (Netscape) CA	Yes	Yes
Baltimore CA	Yes	Yes
DOD PKI CA	Yes	Yes

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<b>Administration</b>		
Local administrators database	20	20
External administrator database	RADIUS/LDAP/ SecurID	RADIUS/LDAP/ SecurID
Restricted administrative networks	6	6
Root Admin, Admin, and Read Only user levels	Yes	Yes
Software upgrades	TFTP/WebUI/SCP/ NSM	TFTP/WebUI/SCP/ NSM
Configuration Roll-back	Yes	Yes

## License Options

The NetScreen-5GT is available in three models to support different numbers of users.

### 10 User Product License

The 10 user product license (NetScreen-5GT 10-User) support 10 users.

### Unrestricted Product License

The unrestricted product license (NetScreen-5GT Plus) support an unlimited number of users.

### Extended Product License

The extended product license (NetScreen-5GT Extended) supports greater capacity, HA and a DMZ zone

### Certifications

Safety Certifications

UL, CUL, CB

EMC Certifications

FCC class B, BSMI Class A, CE class B, C-Tick, VCCI class B

### Environment

Operational temperature: 23° to 122° F, -5° to 50° C

Non-operational temperature: -4° to 158° F, -20° to 70° C

Humidity: 10 to 90% non-condensing

### MTBF (Bellcore model)

NetScreen-5GT: 8.5 years

### Security

ICSA Firewall and VPN

Please see [www.netscreen.com](http://www.netscreen.com) for the latest information and features of NetScreen's entire line of products.

For more information about NetScreen services or products, please call toll-free 1-800-638-8296 in the US, +44 8700 7500000 in Europe, or 852-2202-5800 in Hong Kong, or visit us at [www.netscreen.com](http://www.netscreen.com).

	NetScreen-5GT	NetScreen-5GT Extended
<b>Traffic Management</b>		
Guaranteed bandwidth	Yes	Yes
Maximum bandwidth	Yes	Yes
Priority-bandwidth utilization	Yes	Yes
DiffServ stamp	Yes	Yes

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<b>Dimensions and Power</b>		
Dimensions (H/W/L)	1.25/8/5 inches	1/8.25/5 inches
Weight	1.5 lbs.	1.3 lbs.
Rack mountable	Yes, w/separate kit	Yes, w/separate kit
Power Supply (AC)	12 VDC, 12 W	12 VDC, 12 W
90 to 264 VAC to power supply with regional linear supply	12VDC, 12 W	12 VDC, 12 W
Power Supply (DC)	No	No

(1) Performance and capacity provided are the measured maximums under ideal testing conditions. May vary by deployment and features enabled.

(2) Requires additional purchase of antivirus signature subscription

(3) Recommended number of users

(4) Limited by License on the NetScreen-5GT Extended

(5) Updates to Deep Inspection signatures requires signature service which is available for additional purchase

(6) The following features are not supported in layer 2 (transparent mode): NAT, PAT, policy based NAT, virtual IP, mapped IP, OSPF, BGP, RIPv2, and IP address assignment

(7) Tested with 3COM 5686 56K modem and Zyxel omni.net LCD ISDN modem

## Ordering Information

Product	Part Number
<b>NetScreen-5GT 10 User*</b>	
NetScreen-5GT US linear supply	NS-5GT-001
NetScreen-5GT UK linear supply	NS-5GT-003
NetScreen-5GT Europe linear supply	NS-5GT-005
NetScreen-5GT Japan linear supply	NS-5GT-007
<b>NetScreen-5GT Plus (unrestricted users)*</b>	
NetScreen-5GT Plus US power cord	NS-5GT-101
NetScreen-5GT Plus UK power cord	NS-5GT-103
NetScreen-5GT Plus European power cord	NS-5GT-105
NetScreen-5GT Plus Japanese power cord	NS-5GT-107
<b>NetScreen-5GT Extended*</b>	
NetScreen-5GT Extended US power cord	NS-5GT-201
NetScreen-5GT Extended UK power cord	NS-5GT-203
NetScreen-5GT Extended European power cord	NS-5GT-205
NetScreen-5GT Extended Japanese power cord	NS-5GT-207
Rack mount kit for 2 NetScreen-5GTs	NS-5GT-RMK

\*For antivirus products add -AV to the above NetScreen-5GT sku (NS-5GT-101-AV). For more information contact your NetScreen representative.

### NetScreen product warranty

All non-antivirus NetScreen products come with a 90 day NetScreen ScreenOS software feature and maintenance release warranty, and a one year return and repair warranty for hardware and online technical assistance.

### NetScreen antivirus product warranty

All NetScreen antivirus products come with a one year warranty that includes, antivirus signatures, Deep Inspection signatures, ScreenOS feature and maintenance releases, online technical assistance, and return & repair for hardware. For additional details, please visit us at <http://www.netscreen.com/services/warranty/>.



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