

*Delivering uncompromising protection  
for every layer of the network*



## **IBM Proventia Network Intrusion Prevention System**

### **Preemptive protection for your network**

With a comprehensive line of models, the IBM Proventia® Network Intrusion Prevention System (IPS) is designed to deliver uncompromising protection for every layer of the network, protecting your business from both internal and external threats.

## Technical specifications

Model	GX3002	GX4002	GX4004	GX5008	GX5108	GX5208	GX6116
Typical deployment	Remote office	Remote office	Network perimeter	Network perimeter	Network core	Network core	Network core
Performance characteristics							
Throughput	10 Mbps	200 Mbps	200 Mbps	400 Mbps	1.2 Gbps	2 Gbps	15 Gbps
Inspected throughput	10 Mbps	200 Mbps	200 Mbps	400 Mbps	1.2 Gbps	2 Gbps	6 Gbps
Latency	< 1 millisecond	< 150 microseconds	< 150 microseconds	< 200 microseconds	< 200 microseconds	< 200 microseconds	< 150 microseconds
Connections per second	3,750	21,000	21,000	35,000	40,000	60,000	160,000
Concurrent sessions (rated max)	220,000	1,200,000	1,200,000	1,200,000	1,450,000	1,800,000	4,600,000
Physical characteristics							
Form factor	Desktop	1 rack unit	1 rack unit	2 rack units	2 rack units	2 rack units	2 rack units
Dimensions							
Height (in/mm)	1.97/50	1.75/44	1.75/44	3.5/88	3.5/88	3.5/88	3.5/88
Width (in/mm)	8.86/225	16.9/429	16.9/429	16.9/429	16.9/429	16.9/429	16.9/429
Depth (in/mm)	8.07/205	15.5/394	15.5/394	21.5/546	21.5/546	21.5/546	21.5/546
Weight (lb/kg)	2.6/1.2	24.5/11.1	24.5/11.1	37.5/17	37.5/17	37.5/17	37.5/17
Monitoring interfaces	2x10/100 copper	2x10/100/1,000 copper only	4x10/100/1,000 copper only	8x10/100/1,000 copper or 4x10/100/1,000 copper + 4x SFP/mini-GBIC ports (TX/SX/LX transceivers supported) or 8x SFP/mini-GBIC ports (1,000 TX/SX/LX)	8x10/100/1,000 copper or 4x10/100/1,000 copper + 4x SFP/mini-GBIC ports (TX/SX/LX transceivers supported) or 8x SFP/mini-GBIC ports (1,000 TX/SX/LX)	8x10/100/1,000 copper or 8x SFP/mini-GBIC ports (1,000 TX/SX/LX)	16x SFP/mini-GBIC ports (1,000 TX/SX/LX)
Inline protected segments	1 network segment	1 network segment	2 network segments	4 network segments	4 network segments	4 network segments	8 network segments
Redundant power supplies	No	No	No	Yes	Yes	Yes	Yes
Redundant storage	No	No	No	Yes	Yes	Yes	Yes
High availability	Active-active: no Active-passive: yes Hardware-level bypass: integrated bypass	Active-active: no Active-passive: yes Hardware-level bypass: integrated bypass	Active-active: no Active-passive: yes Hardware-level bypass: integrated bypass	Active-active: yes Active-passive: yes Hardware-level bypass: external bypass (optional)	Active-active: yes Active-passive: yes Hardware-level bypass: external bypass (optional)	Active-active: yes Active-passive: yes Hardware-level bypass: external bypass (optional)	Active-active: no Active-passive: yes Hardware-level bypass: external bypass (optional)



**For more information**

To learn more about IBM Proventia Network IPS and other IBM Global Services capabilities, contact your IBM representative or IBM Business Partner, or visit:

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