



IP Appliances

Flexible networking and performance options

Security Gateways

IP Appliance—Model IP697

OVERVIEW

Proven for years in complex networking and performance demanding environments, Check Point IP Appliances™ offer customers integrated turnkey security functionality such as firewall, VPN, and intrusion prevention across a wide range of models.

Optimized for Check Point Security Gateway software, the IP Appliances offer unsurpassed scalability, high performance, manageability, and high port densities that reduces operational costs in complex, mission-critical security environments. IP Appliances enable customers to extend unified security architecture from the network core out to branch and remote offices.

The IP697 is a security appliance designed for the demanding price performance, multi-Gigabit Ethernet throughput, and port-density requirements of medium to large enterprises and service providers. It supports multi-core technology and is purpose-built to run Check Points next generation multi-threaded enterprise security applications.

BASE CONFIGURATION

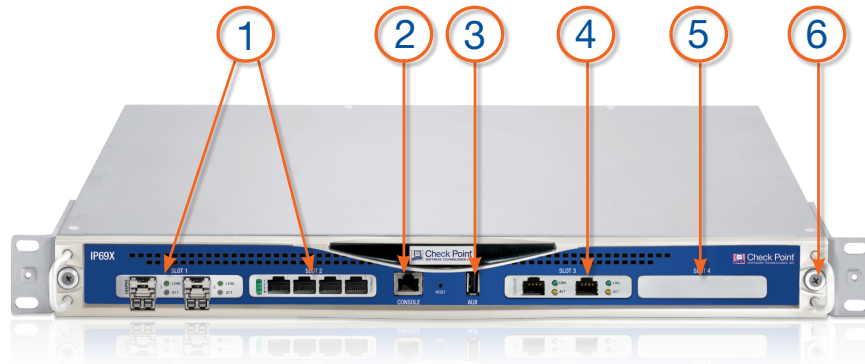
- Single dual core CPU
- Includes 4 ports of 10/100/1000Base-T; up to 16 maximum GbE ports
- 3 PMC expansion slots
- Console port
- Auxiliary port (USB)
- Includes VPN acceleration card
- Dual hot-swappable AC power
- 80 GB HDD (optional 2nd 80 GB HDD for disk mirroring)
- RAM
 - Flash version: 2 GB DRAM (max 8 GB), 4GB compact flash
 - Disk version: 2 GB DRAM (max 8 GB), 128 MB compact flash

BENEFITS

- Integrated security appliances based on Check Point Software Blade Architecture for fast, flexible deployment of security functionality
- Entry level multi-core appliance for the enterprise
 - Scalability without costly hardware forklift upgrades to expand capacity and performance
 - Modular design with PMC slots for supporting optional network interface cards
 - 10 GbE PMC cards (for 10 GbE connectivity)
- Optional hardware-based ADP services module extends firewall and VPN performance
- Includes hardware-based VPN acceleration to meet high VPN performance needs
- Slide-out tray for low MTTs
- Flexible architecture to expand appliance to meet growing business needs
 - Optional software blades extend security



Check Point Factsheet: IP Appliance—Model IP697



1. PMC Expansion Slots for Optional Network Interface Cards
2. Console Port
3. Auxiliary Port (USB)
4. PMC Expansion Slot for Optional Interface Cards
5. Base Configuration includes 4 Port 10/100/1000 Base-T Management Ports (ports not shown in the picture)
6. Slide-Out Tray

TECHNICAL SPECIFICATIONS

LAN Support

- 2 port 1000Base-T
- 4 port 1000Base-T
- 2 port 1000Base-SX
- 2 port 1000Base-LX
- 2 port 10GBase-X
- 8 port ADP 1000Base-T RJ45
- 8 port ADP 1000Base-X SFP
- (ADP module can only be used in slot 1 and slot 2; one ADP occupies both slots)

FLASH Base System Configuration

- 4 GB CompactFlash
- 2 GB System RAM (max 8 GB)
- 4-port 1000Base-T Ethernet NIC
- Dual, Redundant Hot-Swappable Power Supplies

HDD Base System Configuration

- 128 MB CompactFlash
- 2 GB System RAM (max 8 GB)
- One 80 GB HDD
- 4-port 1000Base-T Ethernet NIC
- Dual, Redundant Hot-Swappable Power Supplies

Performance

- Firewall – 7.2/11.7 Gbps¹
- VPN – 1.9/3.3 Gbps¹
- IPS – 4 Gbps

¹ Performance without ADP/with ADP

Note: Performance data represents the maximum capabilities of the systems as measured under optimal testing conditions.

System Indicators

- 10/100/1000 Ethernet Port Status
- Power Status on System
- Failure Status on System
- Port Status on Network Interface Cards
- System Operational Indicator

Dimensions

- Standard: 17.23 x 24 x 1.71 in.
- Metric: 438 x 610 x 44 mm
- Weight 12.38kg (27.3 lbs)

Power Requirements

- AC Input Voltage: 100-240V
- Frequency: 50 / 60Hz
- AC Input Current Maximum: 4.0-2.0A
- Maximum Power Dissipation: 250W = 853.8 BTU/hr

Environment Operating Conditions

- Temperature: 32°-104°F / 0°-40°C
- Altitude: 10,000 ft / 3048 m
- Humidity: 10%-90% (Non-Condensing)

Environment Non-Operating Conditions

- Temperature: -20°C to +70°C
- Humidity: Up to at least 95% (Non-Condensing)

Compliance

- Safety: UL60950-1, First Edition: 2003, CAN/CSAC22.2, No 60950:2000, IEC60950-1:2001, EN60950-1:2001 + A11 with Japanese National Deviations
- Emission Compliance:
 - FCC Part 15, Subpart B, Class A
 - EN50024, EN55022A:1998, CISPR 22 Class A
 - 1985, EN61000-3-2, EN61000-3-3
- Immunity: EN55024:1998
- ROHS

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