



## IP Appliances

Flexible networking and performance options

# Security Gateways

## IP Appliance—Model IP297

### 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 IP297 is ideal for small branch offices and extended enterprise that require robust, large enterprise performance combined with simple remote management and high reliability at a low total cost of ownership. It includes seven software blades for high performance and unrivaled security: Firewall, Application Control, Identity Awareness, IPSec VPN, Advanced Networking, Acceleration & Clustering, and IPS.

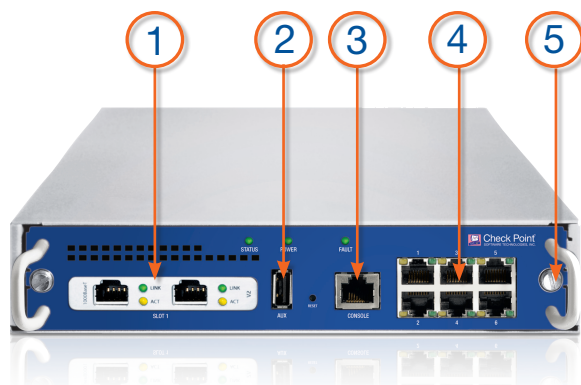
### BASE CONFIGURATION

- 6 ports of 10/100/1000Base-T; up to 8 gigabit ports
- 1 PMC expansion slot used for optional network interface card
- Console port
- USB port
- Single AC power
- 40 GB HDD for disk version
- RAM
  - Flash version : 1 GB DRAM, 2 GB Flash
  - Disk version: 2 GB DRAM, 128 MB Compact Flash
- Enclosure 1U

### BENEFITS

- Gigabit performance and high port density in half rack unit ideal for small branch locations
- Small form factor design allows for side-by-side high availability in a single 1RU
- Modular design with PMC slot for optional network interface card
  - Optional card includes fiber option
- Slide-out tray for low MTTS
- Flexible architecture
  - Optional VPN acceleration card extends VPN performance
  - Optional software blades extend security





|                                                             |
|-------------------------------------------------------------|
| 1. PMC Expansion Slots for Optional Network Interface Cards |
| 2. USB Port                                                 |
| 3. Console Port (RJ45)                                      |
| 4. Onboard 6 Port 10/100/1000 Base-T                        |
| 5. Slide-Out Tray                                           |

## TECHNICAL SPECIFICATIONS

### LAN Support

- 2 port 10/100/1000Base-T
- 2 port 1000Base-SX
- 2 port 1000Base-LX

### FLASH Base System Configuration

- 2 GB CompactFlash
- 1 GB System RAM
- 6-port 1000Base-T Ethernet NIC

### HDD Base System Configuration

- 128 MB CompactFlash
- 2 GB System RAM
- One 40 GB HDD
- 6-port 1000Base-T Ethernet NIC

### Performance

- Firewall – 1.5 Gbps
- VPN – 1 Gbps
- IPS – 1.4 Gbps

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

- 1/2 RU Single Unit  
216 x 457 x 43.4 mm  
8.52 x 18 x 1.71 inches
- 1RU Dual Unit Rack Mount  
432 x 457 x 43.4 mm  
17 x 18 x 1.71 inches

### Power Requirements

- AC Input Voltage: 100-240V
- Frequency: 50/60Hz
- AC Input Current 1.5 A/0.70 A
- Maximum Power Dissipation: 133W (453.53 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

## CONTACT CHECK POINT

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