



## IP Appliances

Flexible networking  
and performance options.

# Security Appliances

## IP Appliance — Model IP1287

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

The Check Point IP1287 is purpose-built for Check Point Security Gateway Software Blade Architecture, and is custom engineered to support the highest performance and flexibility in today's mission-critical security environments. The IP1287 offers the lowest possible TCO through a combination of unsurpassed scalability, high performance, redundancy, manageability, and high port densities. Using just a two-rack-unit (2RU) form factor, the IP1287 security platform features a quad-core Intel Xeon™ processor, and is designed to provide investment protection by allowing customers to boost performance with the addition of an Accelerated Data Path (ADP) module when network demands increase.

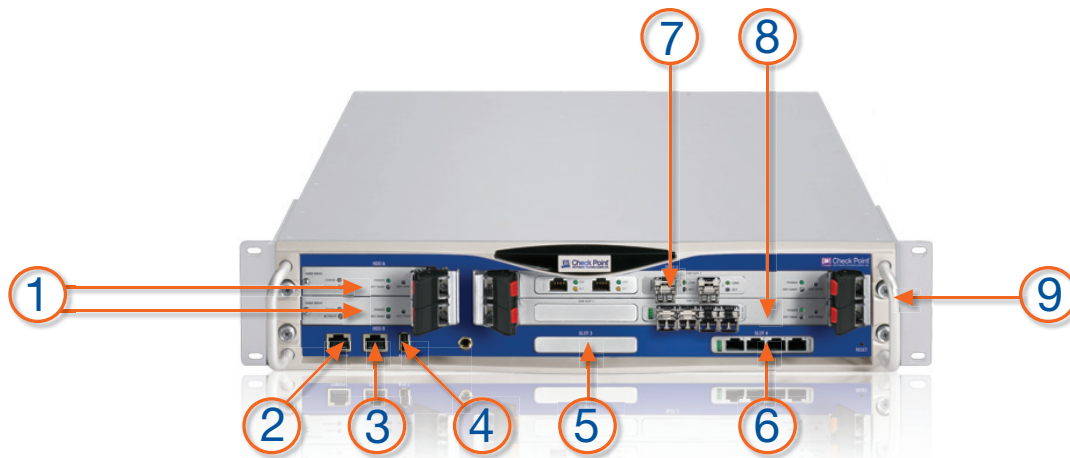
### BASE CONFIGURATION:

- Single Quad Core CPU
- 4 x 10/100/1000 Base-T interfaces for management and synchronization
- Five front-facing PMC/XMC expansion slots
- Console port
- Auxiliary ports (RJ45 and USB)
- Built-in VPN encryption acceleration module
- Dual hot swappable AC or DC power (for load-sharing and redundancy)
- Front-facing HDD slots
- Hard drive and RAM
  - HDD-Based System
    - 80 GB HDD
    - 4 GB DRAM, 128 MB compact flash
  - Flash-Based System
    - 4GB compact flash
    - 4 GB DRAM

### BENEFITS

- Integrated security appliances based on Check Point Software Blade Architecture for fast, flexible deployment of security functionality
- Scalable, modular appliance with multiple acceleration and interface options (including ADP modules) for guaranteed investment protection
- Enterprise-class high availability, load sharing, and fault tolerance to ensure network resiliency and business continuity
- Carrier-grade serviceability and redundancy for easy upgrades
- Streamlined advanced management tools for efficient installation, configuration, and maintenance





1. Optional redundant hard disk drives w/carriers
2. Console port
3. Auxiliary port
4. USB port
5. PMC expansion slot for optional PMC or XMC network interface cards
6. Management and sync ports
7. Optional PMC/XMC network interface cards (6U carrier is needed) or ADP module (comes with carrier)
8. Optional PMC/XMC network interface cards (6U carrier is needed) or ADP module (comes with carrier)
9. Slide-out chassis tray

## TECHNICAL SPECIFICATIONS

### LAN Support

- 10/100 Base-T (10/100 Mbps Ethernet) — PCI Mezzanine Card (PMC)
- 1000Base-T (10/100/1000 Mbps Ethernet) — PMC
- 1000Base-SX (1000 Mbps Ethernet) — SFP, Multi-Mode Fiber (MMF) ADP
- 1000Base-LX (1000 Mbps Ethernet) — SFP, Single-Mode Fiber (SMF) ADP
- 10 GBase-SR (10 Gbps Ethernet) — XFP, MMF ADP
- 10 GBase-LR 10 km (10 Gbps Ethernet) — XFP, SMF ADP
- One ADP module can be installed in the system

### Performance

- Firewall — 10.3/17.5 Gbps<sup>1</sup>
- VPN — 1.9/8.3 Gbps
- Maximum concurrent sessions – 1 million
- IPS — 7 Gbps

### 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

<sup>1</sup>Performance without ADP/with ADP

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

### Dimensions

- Standard: 17.23 x 24.11 x 3.46 in.
- Metric: 438 x 613 x 88mm
- Weight: 19.6kg (43.2 lbs)

### Power Requirements

- AC Input voltage: 100-240V
- Frequency: 50/60Hz
- AC input current maximum: 8.3-3.4A
- DC input voltage: 40-60V
- DC input current maximum: 20-13A
- Maximum power dissipation: 700W (2,388 BTU/hr)

### Environment Operating Conditions

- Temperature: 41°-104°F / 5°-40°C
- Altitude: 8,202 ft / 2500 m
- Humidity: 10%-85% (non-condensing)

### Environment Non-Operating Conditions

- Temperature: 0°C to +70°C
- Humidity: Up to at least 95% (non-condensing)

### Compliance

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

