Check Point®
SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

**VSX-1 Appliances**
Virtualized
Security Gateways

# Security Appliances

VSX-1 Appliance—Model 11260

## OVERVIEW

The VSX security operations platform is a virtualized security gateway that enables the creation of hundreds of security systems on a single hardware platform, delivering deep cost savings and infrastructure consolidation. Based on the proven security of VPN-1® Power, VSX provides best in class firewall, VPN, URL filtering and intrusion prevention technology to multiple networks, securely connecting them to each other and shared resources such as the Internet and DMZs. All security systems, virtual and real, are centrally managed through Check Point SmartCenter or Multi-Domain Security Management consoles. Powerful turnkey VSX-1 appliances further reduce deployment cost while delivering carrier-class reliability and scalability.

VSX enables any organization to optimize space and costs by operating a virtual network of hundreds of routers, switches, and VPN-1 gateways. For MSPs, VSX becomes the ideal platform for new subscription revenue opportunities by delivering new security services easily and efficiently. These include value-add virtualized content filtering, VPN, network segmentation and firewall services, instantly provisioned using VSX's Virtual Systems Wizard at the lowest possible cost.
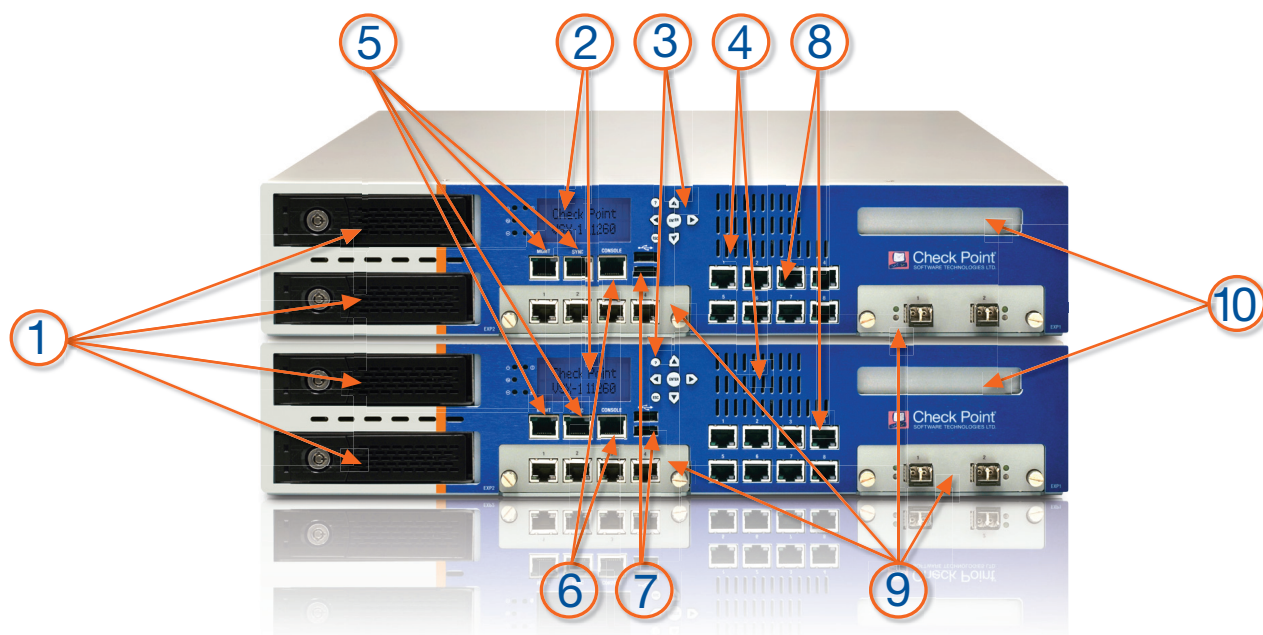
## BASE CONFIGURATION

- 28 ports of 10/100/1000Base-T
- 2 Management & 2 Sync ports
- 2 x Console port
- 2 x Dual hot swappable AC power (for load-sharing and redundancy)
- 2 x Dual front facing hot swappable HDDs
- 4 x 250GB Hard Drive
- 4 front-facing cooper / fiber expansion slots
- VSX-1 11000 VSLS series for high performance, load balancing and high availability security
- Virtualized Firewall, VPN and SmartDefense IPS
- Starting with 10 virtual systems, upgradeable to up to 250 virtual systems

## BENEFITS

- Unique and comprehensive virtualized security solution with firewall, VPN, IPS, and URL filtering
- Consolidate hundreds of security gateways to a single device, increasing device hardware utilization and reducing power, space, and cooling
- Linear scaling of performance up to 50 Gbps on the highest VSX-1 model
- Flexible deployment options including software and a full line of turnkey appliances
- Single proven security management architecture
- Field upgradable to achieve the desired performance on the same platform
- Full hardware and software redundancy in a single product

software**blades**™

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|---|---|
| 1. | Redundant hot-swappable hard drives |
| 2. | LCD display |
| 3. | LCD control buttons |
| 4. | Air intake |
| 5. | 2 x Management port<br>2 x Sync port |
| 6. | Console ports |
| 7. | USB Ports |
| 8. | 16 x 1GbE ports |
| 9. | Field swappable expansion modules (Basic configuration includes 4 1GbE ports module)<br>• 2x2x4 1GbE Fiber<br>• 2x2x4 1GbE Copper<br>• 2x2x2 10GbE |
| 10. | 2 x LOM (Out-of-Band Management) card (optional) |

## TECHNICAL SPECIFICATIONS

### LAN Support
- 10GbE LR Fiber (single mode) (2 ports)
- 10GbE SR Fiber (multi mode) (2 ports)
- 1GbE LR Fiber (single mode) (4 ports)
- 1GbE SR Fiber (multi mode) (4 ports)
- 1GbE Copper (4 ports)

### Hard Disk Configuration
- 4 X 250 GB HDD

### Performance
- Firewall – 30 Gbps
- VPN – 7.4 Gbps
- Concurrent Sessions – 1.6Million

*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: 17x 20x 7 in.
- Metric: 431 x 580 x 176mm
- Weight: 46.8kg (103.2 lbs)

## Power Requirements
- AC Input Voltage: 100-240V
- Frequency: 50/60Hz
- Power supply Maximum: 1000W
- Power Consumption Maximum: 506W

## Environment Operating Conditions
- Temperature: 41°-104°F / 5°-40°C
- Altitude: 8196ft, 2,500 m
- Humidity: 10%-85% (non-condensing)

## Environment Non-Operating Conditions
- Temperature: -20°C to +70°C
- Humidity: Up to at least 95% (non-condensing)

## Compliance
- UL 60950
- FCC Part 15, Subpart B, Class A
- CE (EN 55024; EN 55022)
- TUV (EN60950-1/A11:2009)
- CB (IEC 60950-1:2005)
- CCC (GB9254-2008 GB4943-2001 GB17625.1-2003)
- ROHS