

# Nokia IP Security Solutions

## Nokia IP260 and Nokia IP265

**Nokia IP260 and Nokia IP265 Security Platforms provide a robust, low cost firewall/VPN solution ideally suited for small enterprise and remote and distributed enterprise branch offices.**

Nokia IP260 and Nokia IP265 Security Platforms combine market-leading Nokia hardware design and quality with best of breed Check Point VPN-1/ FireWall-1 software and Nokia IPSO™ operating system for a secure, reliable and manageable security solution.

Nokia IP260 and IP265 are both 1RU half-width rack mountable platforms that support four 10/100 Mbps Ethernet interfaces. Both platforms also accelerate 3DES and AES256 with a built in encryption chip. Also, customers can achieve low cost High Availability (HA) in a single 1RU space in a small footprint with clustered or VRRP High Availability.

Nokia continues to deliver industry-leading solutions with excellent firewall and VPN performance to meet a variety of customer security needs. Nokia IP260 and Nokia IP265 also utilize Nokia traditional single, or multiple device management, for a common user experience and ease of management across all Nokia IP security appliances available today.

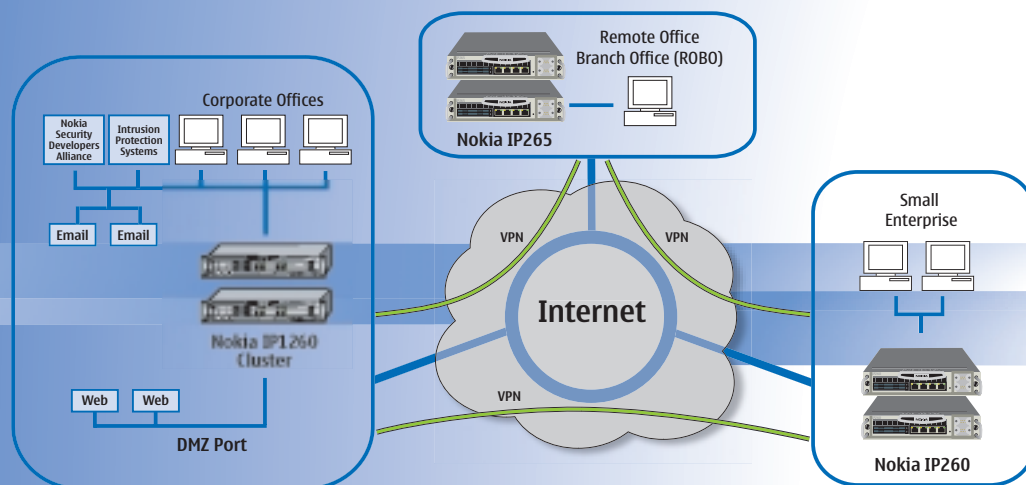
Nokia IP260 is a disk-based rack mountable platform and Nokia IP265 is a diskless rack mountable platform with Nokia IPSO 3.8.1 with Check Point VPN-1/FireWall-1.

Both are versatile products giving customers the option of a disk or diskless based system in a single or side-by-side HA deployment, in a new slide out tray. They have excellent price/performance and can be used in diverse environments to protect small to mid-sized enterprises or remote branch offices at the same level as a corporate head office. These platforms are also ideal



for small, stand-alone companies who require robust, large enterprise performance combined with ease of management and high reliability at a low Total Cost of Ownership.

Best of all, security, performance and reliability are all backed by world-class Nokia First Call—Final Resolution global support.



# Technical Specifications

## Internet Protocols

- IP RFC 791
- ICMP RFC 792
- ARP RFC 826
- ICMP Router Discovery (Server) RFC 1256
- CIDR RFC 1519
- Static Routes
- RIP RFC 1058
- RIP Version 2 (With authentication)
- RFC 1723
- OSPF RFC 2328
- DVMRP (multicast) RFC 1075
- IGMP (multicast) RFC 2236
- PIM-DM (multicast), PIM-SM
- Multicast Tunnels
- IGRP (optional) Cisco
- BGP4 (optional) RFC 1771
- IPv6 core RFCs
- Requirements for IPv4 Routers RFC 1812
- Differentiated Services (EF) RFC 2598
- Bootp/DHCP Relay RFC 2131
- Route Aggregation & Redistribution

## LAN Support

- 10/100 Mbps Ethernet

## Performance

- Firewall forwarding (250 Mbps)
- VPN forwarding (150 Mbps 3DES, AES256)

## Management

- SNMP RFC 1157, SNMPv2c, SNMPv3
- Telnet RFC 854
- FTP RFC 959
- SSHv2 (secure Telnet & FTP)
- HTTP Server RFC 2068
- SSL/TLS RFC 2246
- Command Line Utilities
- Supported in Nokia Horizon Manager

## Application Acceleration

- VPN (onboard acceleration)

## High Availability

- VRRP RFC 2338
- FireWall-1 State Sync

## Security

- Secure Administrative Access
- Read/Write and Read-Only Access Modes
- SSH (secure Telnet & FTP)
- SSL/TLS (secure HTTP) RFC 2246
- S/Key (one-time password) RFC 1760
- Access Control Lists
- Traffic Management
- MD5 Routing
- Authentication (RIPv2) RFC 1723
- Centralized Authentication
- DNS Client, NTP Client and Server
- RADIUS Client, TACACS+ Client

## System Indicators

- Integrated 10/100 Ethernet port status
- Power status on system
- Failure status on system

## Supported Standards and Certifications

- IPSec (RFCs 2401-2411, 2451)
- GRE (RFCs 1701 & 1702) Generic Routing
- Encapsulation
- ICSA Certified

## Safety

- UL1950, CAN/CSA 22.2, No. 950-M95, (CE Mark) EN60950:1992, A1, A2:1993, A3:1995, A4:1997, A11:1998
- with Japanese National Deviations Emission Compliance

## 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

## Standard

- 4 integrated 10/100 Mbps Ethernet ports
- 2 Type II PCMCIA slots

## Dimensions

- Height: 1.60 in. (4.06 cm)
- Width: 8.15 in. (20.70 cm)
- Depth: 15.95 in. (40.51 cm)
- 17.33 in (44.02 cm) single appliance with handles
- Weight: 7.7 lbs. (3.5 Kg) without mounting bracket
- 9.1 lbs (4.2 Kg) with mounting brackets

## Power — Single System

- AC Input Voltage 100-120V/200-240VAC
- Frequency 50/60Hz
- AC Input Current: 1.8 Amps

## Two Systems in Rack Mount Shell

- Height: 1.71 in. (4.34 cm)
- Width: 17.00 in. (43.18 cm)
- Depth: 16 in. (40.64 cm)
- shell only
- Weight: 8.2 lbs (3.7 Kg) rack-mounting shell only
- 23.6 lbs (10.7 Kg) shell with two systems

## Environment

- Temperature: 5°C to 40°C
- Humidity: 10% - 90% (non-condensing)
- Altitude: 0 to 10,000 ft 0 to 3,330 meters

## European Customer Enquiry Numbers

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