

Nokia IP Security Solutions

Nokia IP260 and Nokia IP265



Nokia for Business



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.

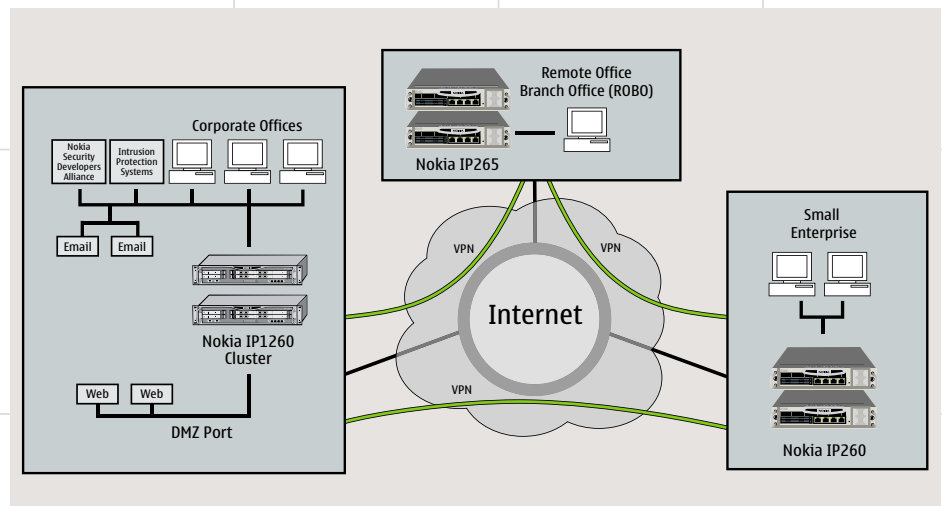
Nokia continues to deliver industry-leading solutions with excellent firewall and VPN performance to meet a variety of customer security needs. Nokia IP260 and Nokia IP265 also utilize Nokia traditional single, or multiple device management, for a common user experience and ease of management across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



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Technical Specifications

<p>Internet Protocols</p> <ul style="list-style-type: none"> 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 	<p>Supported Standards and Certifications</p> <ul style="list-style-type: none"> IPSec (RFCs 2401-2411, 2451) GRE (RFCs 1701 & 1702) Generic Routing Encapsulation ICSA Certified
<p>LAN Support</p> <ul style="list-style-type: none"> 10/100 Mbps Ethernet 	<p>Safety</p> <ul style="list-style-type: none"> 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
<p>Performance</p> <ul style="list-style-type: none"> Firewall forwarding (250 Mbps) VPN forwarding (150 Mbps 3DES, AES256) 	<p>Emission Compliance</p> <ul style="list-style-type: none"> FCC Part 15, Subpart B, Class A, EN50024, EN55022A 1998, CISPR 22 Class A 1985, EN61000-3-2, EN61000-3-3
<p>Management</p> <ul style="list-style-type: none"> 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 	<p>Immunity</p> <ul style="list-style-type: none"> EN55024 1998
<p>Application Acceleration</p> <ul style="list-style-type: none"> VPN (onboard acceleration) 	<p>Standard</p> <ul style="list-style-type: none"> 4 integrated 10/100 Mbps Ethernet ports 2 Type II PCMCIA slots
<p>High Availability</p> <ul style="list-style-type: none"> VRRP RFC 2338 FireWall-1 State Sync 	<p>Dimensions</p> <ul style="list-style-type: none"> 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
<p>Security</p> <ul style="list-style-type: none"> 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 	<p>Power – Single System</p> <ul style="list-style-type: none"> AC Input Voltage 100-120V/200-240VAC Frequency 50/60Hz AC Input Current: 1.8 Amps
<p>System Indicators</p> <ul style="list-style-type: none"> Integrated 10/100 Ethernet port status Power status on system Failure status on system 	<p>Two Systems in Rack Mount Shell</p> <ul style="list-style-type: none"> 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
<p>Environment</p> <ul style="list-style-type: none"> Temperature: 41°F to 104°F / 5°C to 40°C Humidity: 10% - 90% (non-condensing) Altitude: 0 to 10,000 ft 0 to 3,330 meters 	<p>Environment</p> <ul style="list-style-type: none"> Temperature: 41°F to 104°F / 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

France +33 170 708 166
 Germany +49 692 222 203 68
 Italy +39 02 36003652
 Spain +34 914 140 777
 Sweden +46 856 610 789
 UK +44 161 601 8908

Email: ipsecurity.emea@nokia.com
www.nokiaforbusiness.com