Corporate Armor   For more information, please call **877.449.0458**, or email us at **Sales@CorporateArmor.com**.

Check Point 1200R Rugged Appliance

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CHECK POINT
1200R RUGGED APPLIANCE

CHECK POINT
1200R RUGGED APPLIANCE
Security for harsh environments

Product Benefits
- Deploy SCADA security in harsh environments and remote locations
- Operates in extreme temperatures from -40°C to 75°C
- Complies with industrial specifications for heat, vibration and immunity to electromagnetic interference (EMI)
- Enables full visibility and granular control of SCADA traffic

Product Features
- Enterprise-grade access control and threat prevention
- Comprehensive SCADA protocols support
- Specialized hardware for industrial environments
- Standard rack or DIN rail mounts
- High MTBF of 300,000 hours
- AC or DC power

1 For the latest protocols, see the AppWiki

INSIGHTS
Cyberattacks on critical infrastructures & industrial environments are no longer a myth. Power generation facilities, metropolitan traffic control systems, water treatment systems, and factories are all at risk. Exploits freely available on the Internet make the Industrial Control Systems (ICS) of leading vendors easy targets for attackers.

These ICS environments can be harsh — exposing networking equipment to extreme temperatures, humidity, dust, and vibration. They require a rugged and reliable security gateway solution to detect threats and control access to critical components.

SOLUTION
The Check Point 1200R is a rugged appliance delivering Next Generation Threat Prevention for Critical Infrastructure and Industrial Control Systems. This solid-state appliance secures SCADA (supervisory control and data acquisition) protocols and OT (operational technology) equipment. The 1200R includes Firewall, IPS, Application Control, Antivirus, and Anti-Bot protection. This rugged appliance operates in harsh environmental conditions and complies with industrial specifications IEEE 1613, IEC 61850-3 for heat, vibration, and immunity to electromagnetic interference (EMI). Robust performance and powerful central management provide unmatched value in a simple, all-in-one solution.

NEXT GENERATION FIREWALL
Check Point Application Control offers broad support for specialized SCADA and ICS protocols for over 500 different commands. Additional protocol support is available on request.
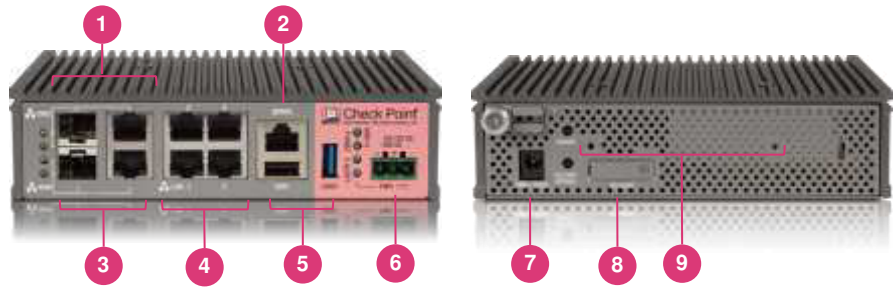
PROTOCOL SUPPORT[1]		
• BACNet	• IEC 61850	• OPC
• DNP3	• MMS	• Profinet
• IEC-60870-5-104	• Modbus	• S7 (Siemens)
• IEC 60870-6 (ICCP)		

1200R Rugged Appliance

1. DMZ port (copper or fiber)
2. Console port
3. WAN port (copper or fiber)
4. LAN ports (4 x 10/100/1000BaseT)
5. USB ports
6. DC power
7. AC power
8. SD card slot (for logging)
9. DIN rail mount point

INTEGRATED THREAT DETECTION

Detect and prevent targeted attacks against ICS/SCADA components in Operational Technology (OT) environments. With the best catch rate in the industry, our threat prevention technologies minimize the disruption of operational processes when deployed in detect-mode.

3G/4G SUPPORT

Included USB ports allow an administrator to plug in compatible third party 3G or 4G modems. This provides an additional WAN connection and a redundant Internet link for maximum reliability.

BEST-IN-CLASS MANAGEMENT

Our unified, integrated management platform supports distributed IT and OT deployments, leading to operational consistency and efficiency of end-to-end (E2E) security. Administrators can define security policy for the entire network — including internal security, main sites, and remote sites — from a single, centrally located Check Point Security Management server. With SmartProvisioning™, a profile-based management approach designed for large-scale deployments, administrators can define a single security and device profile and apply it simultaneously to thousands of appliances — dramatically reducing deployment time and administrative overhead.

With built-in compliance, meet and exceed emerging regulatory and other cyber security requirements such as NERC-CIP (US) and EPCIP (EU). We constantly monitor the compliance status of the organization with hundreds of best practices, letting network security managers quickly assess the strength of the current policy settings and find where to improve.

[1] Check Point SecurityPower is a new benchmark metric that allows customers to select security appliances by their capacity to handle real-world network traffic, multiple security functions, and a typical security policy.

PERFORMANCE

- 49 SecurityPower[1] Units
- 2 Gbps firewall throughput, UDP 1518 bytes
- 700 Mbps firewall, SPU[1] traffic blend
- 60 Mbps firewall & IPS, SPU[1] traffic blend
- 450 Mbps VPN throughput
- 400,000 concurrent sessions

NETWORKING & PORTS

- LAN: 4 x 10/100/1000Base-T RJ45 ports
- DMZ: 1 x 10/100/1000Base-T RJ45 or 1 x 1000BaseF port
- WAN: 1 x 10/100/1000Base-T RJ45 or 1 x 1000BaseF port
- Console: 1 x RJ45
- USB: 1 x USB 3.0, 1 x USB 2.0
- Cellular modem support: 3G/4G
- SD card slot (for log storage)

MOUNT OPTIONS

- DIN rail and rack mount

DIMENSIONS

- Standard (W x D x H): 5.24 x 3.94 x 1.37 in.
- Metric (W x D x H): 16 x 12 x 4.2 cm
- Weight: 1.2 kg (2.65 lbs.)

OPERATING ENVIRONMENTAL CONDITIONS

- Temperature: -40°to167°F / -40° to 75°C
- Humidity: 20%-90% (non-condensing)

POWER

- AC: 100-240V, 50 – 60 Hz
- DC: 12V-72V, -48V DC
- Max power consumption: 15W

CERTIFICATIONS

- IEEE 1613 , IEC 61850-3
- CE, EN 55024, EN 55022, EN 61000-3, EN 61000-4
- CB, IEC 60950, UL 60950

ENVIRONMENTAL TEST

- ETSI EN 300 019-2

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Check Point 1200R Rugged Appliance | Datasheet

APPLIANCE PACKAGES

BASE CONFIGURATION[1]	
1200R Next Generation Firewall Security Appliance	CPAP-SG1200R-NGFW
1200R Next Generation Threat Prevention Security Appliance	CPAP-SG1200R-NGTP
SOFTWARE BLADE PACKAGE[1]	
Next Generation Firewall Blades Package for 1 year for 1200R Appliance	CPSB-NGFW-1200R-1Y
Next Generation Threat Prevention Blades Package for 1 year for 1200R Appliance	CPSB-NGTP-1200R-1Y

[1] SKUs for 2 and 3 years are available, see the online Product Catalog

ACCESSORIES

INTERFACE CARDS AND TRANSCEIVERS	
SFP long range transceiver	CPAC-TR-1LX-1200R
SFP short range transceiver	CPAC-TR-1SX-1200R
SPARES AND MISCELLANEOUS	
SD memory card 32GB for local logging	CPAC-32GB-SD-1200R
SD memory card 8GB for local logging	CPAC-8GB-SD-1200R
Rack mount kit (holds two 1200R appliances)	CPAC-RM-1200R
Wall mount kit	CPAC-WM-1200R

1200R Appliance Kit

1200R Appliance
Power supply and cables

- 1 power supply unit
- 1 standard network cable
- 1 serial console cable
- Terminal block – DC power connector

Accessories

- Din rail kit
- 4 rubber feet
- 11 rubber plugs to cover ports not in use

Documentation

- Quick Start Guide
- Getting Started Guide
- User license agreement

CONTACT US

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