



AppGate Security Server Appliances

AppGate Security Server Ax1, Ax2, Ax4 and Ax10 technical specifications

A robust, powerful range of server appliances, available in different sizes to support just tens of users or more than a hundred thousand concurrent users

AppGate Security Server

The AppGate Security Server from Cryptzone controls access to protected resources. Access rights can depend on a range of parameters such as the user's identity, location, the authentication method used, day of the week, or the configuration of the end-point device. The Security Server includes an application-layer firewall, fixed and mobile VPN capability, role-based access and endpoint security control.

The AppGate Security Server is based on the OpenSolaris operating system allowing the system to be run either on a virtual platform, or on an AppGate appliance. This document provides details about the AppGate appliance. For more information about running AppGate as a virtual appliance please refer to our website: <http://www.cryptzone.com/products/agafe/>. For more information about the functionality of the AppGate Security Server, please refer to "AppGate Security Server Datasheet".

The Ax series of servers

The AppGate appliance is available in a range of sizes providing support for just tens of users up to more than a hundred thousand concurrent users. Servers can be clustered to support a virtually unlimited number of users. AppGate servers can be delivered pre-configured to meet customer requirements.

The AppGate Ax series of servers are robust servers with a small physical footprint, yet powerful enough to handle and encrypt both LAN and Internet traffic in wire speed. The system is easy to use and its intuitive GUI-based administration interface makes deployment fast.

Model Ax1 is the entry-level system and models Ax2, Ax4 and Ax10 are more powerful units with more network interfaces, higher performance and the option of redundant power supplies and mirrored disks for higher reliability. The Ax10 server is designed for very large and demanding environments and can be offered in other configurations upon request, for example with carrier class hardware. For almost all normal installations, the Ax2 and Ax4 servers deliver the necessary performance.

AppGate Security Server Ax4



Key features and benefits

- **Rack mountable servers:** each appliance occupies one unit (1U) of vertical space in a standard 19-inch rack.
- **Centralized secure remote administration:** the AppGate system can be managed from any location using GUI tools.
- **Strong security and protection:** strong encryption and built-in firewall functionality protects the server making it possible to place it directly in the most hostile environments.
- **Clustering:** Cluster technology makes it easy to build large redundant systems with virtually unlimited performance.
- **Hardware monitoring:** Built-in service processor monitoring disks, fans, power supplies and temperature.
- **High availability:** Mirrored disks and redundant power supplies available in Ax4 and Ax10 models.

Appliance Specifications

| AppGate Appliance: Model Ax1 | |
|-------------------------------------|---|
| Concurrent users: | Up to 500 concurrent users per unit. |
| Throughput: | Up to 250 Mbps with AES-128 encryption |
| Processor: | Dual-core 64-bit processor |
| Memory: | 4 GByte RAM |
| Disk: | One SATA hard disk for database and log |
| Network: | 2 Ethernet ports 10/100/1000 Mbps |
| Power: | Single power supply |
| Mounting: | 19" rack, 1U |

| AppGate Appliance: Model Ax2 | |
|-------------------------------------|---|
| Concurrent users: | Up to 1,000 concurrent users per unit |
| Throughput: | Up to 500 Mbps with AES-128 encryption |
| Processor: | Quad-core 64-bit processor |
| Memory: | 8 GByte RAM |
| Disk: | One SATA hard disk for database and log |
| Network: | 4 Ethernet ports 10/100/1000 Mbps |
| Power: | Single power supply |
| Mounting: | 19" rack, 1U |

| AppGate Appliance: Model Ax4 | |
|-------------------------------------|---|
| Concurrent users: | Up to 2,000 concurrent users per unit |
| Throughput: | Up to 1 Gbps with AES-128 encryption |
| Processor: | Two quad-core 64-bit processors |
| Memory: | 16 GByte RAM |
| Disk: | Two mirrored disks for database and log |
| Network: | Six 10/100/1000 Ethernet ports |
| Power: | Dual redundant power supplies |
| Mounting: | 19" rack, 1U |

| AppGate Appliance: Model Ax10 | |
|--------------------------------------|--|
| Concurrent users: | Up to 10,000 concurrent users per unit |
| Throughput: | More than 1 Gbps with AES-128 encryption |
| Processor: | Two Six core 64-bit CPUs |
| Memory: | 64 GByte RAM |
| Disk: | Two mirrored disks for database and log |
| Network: | Up to 12 10/100/1000 Ethernet ports |
| Power: | Dual redundant hot-swappable |
| Mounting: | 19" rack mountable, 1U |

Specifications may change without notice.

Number of users and performance is dependent on application protocols and usage patterns and may differ, both up and down, from numbers in this document.

Cryptzone solutions mitigate information security risks identified in four key areas of Policy Compliance, Content Security, Secure Access and Endpoint Security.

The AppGate solution from Cryptzone enables organizations to provide controlled access for all authorized users regardless of their location whilst also ensuring network resources are protected against internal and external threats. This award-winning technology combines an application layer firewall with device security and granular access control system in one easy to use, cost effective system.