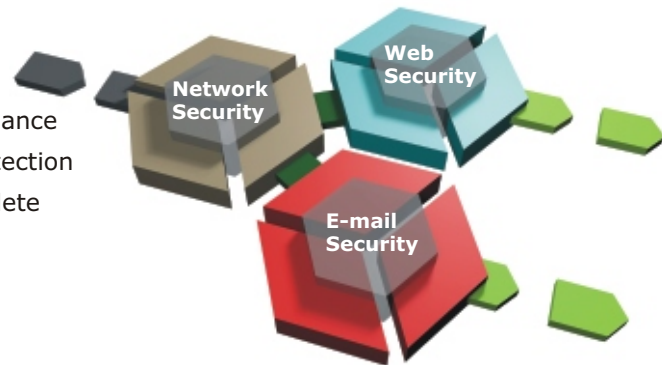


Astaro Security Gateway



Unified Threat Management

The Astaro Security Gateway product line, available as hardware appliance and software solution, provides an affordable and comprehensive protection against a multitude of security risks by means of a manageable complete solution with nine security appliances.



Web Security

- ▶ **Spyware Protection** blocks incoming spyware, adware and other malicious applications, and prevents them from sending out confidential information.
- ▶ **Virus Protection for the Web** defends computers against virus infections from web downloads and web-based e-mail.
- ▶ **Content Filtering** can block Internet access to 60 categories of web sites during working hours.

E-mail Security

- ▶ **Virus Protection for E-mail** catches viruses in SMTP and POP3 e-mails and attachments, even in compressed and archived formats.
- ▶ **Spam Protection** uses nine different techniques to filter out spam without stopping legitimate e-mails.
- ▶ **Phishing Protection** blocks e-mails from criminals trying to trick users into revealing confidential information.

Network Security

- ▶ **Intrusion Protection** detects and blocks probes and application-based attacks using heuristics, anomaly detection, and pattern-based techniques.
- ▶ **Firewall**, with stateful packet inspection and application-level proxies, guards Internet communications traffic in and out of the organization.
- ▶ **Virtual Private Network Gateway** assures secure communications with remote offices and "road warriors".

Powerful, Cost-Effective and Feature-rich Network Security

The Astaro Security Gateway is the most feature-rich, sophisticated, yet easy-to-manage network security product on the market:

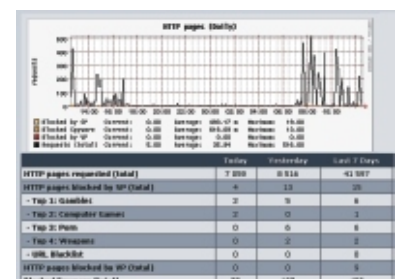
Most Cost-Effective. Astaro's technology can be deployed and managed with minimum effort. An award-winning user interface, efficient management tools, and an Internet-based update service, provide quick installation, real-time visibility into security threats, and simple administration.

Simple Configuration. Configuration is performed from a PC through an intuitive browser-based interface. No extra software needs to be installed.

Unified Reporting. State-of-the-art reporting gives real-time visibility of the security status of the network.

Central Management. Astaro offers two separate powerful tools to manage large deployments: Astaro Configuration Manager and Astaro Report Manager.

ID	Name	Action	Service	Status	Destination
1	Allow High	Internal	HTTP	On	Web Server
2	Block	Tom	FTP	Off	App
3	Block	Internal	FTP	Off	App
4	Allow High	Internal	SQL	On	Web Server
5	Blocked	Internal	Oracle	Off	Oracle
6	Allow High	Internal	HTTPS	On	App





Astaro Security Gateway 110



Small offices, up to 10 users

Astaro Security Gateway 120



Small companies, approx. 50 users

Astaro Security Gateway 220



Small and medium-sized companies, approx. 200 users

Chassis

Dimensions	177 x 51 x 229 mm	177 x 51 x 229 mm	426 x 44 x 305 mm
Weight	2 kg/4.4 lbs	2 kg/4.4 lbs	5 kg/11 lbs

Capacity

Users	10	unrestricted	unrestricted
Firewall throughput	100 Mbit/s	100 Mbit/s	260 Mbit/s
VPN throughput	30 Mbit/s	30 Mbit/s	150 Mbit/s
VPN tunnels	unrestricted	unrestricted	unrestricted
Concurrent connections	60,000	60,000	400,000
Policies	unrestricted	unrestricted	unrestricted

Hardware Specifications

Main storage	256 MB	256 MB	512 MB
Hard drive	20 GB	20 GB	40 GB
10/100Base-TX ports	3	3	8
10/100/1000Base-TX ports	----	----	----
Gigabit fiber ports	----	----	----
USB ports	2	2	2
COM ports	1	1	2
VGA ports	1	1	----
PS/2 (keyboard/mouse) ports	1	1	----
AC/DC	100-240 VAC	100-240 VAC	90-264 VAC
Frequency	50-60 Hz	50-60 Hz	47-63 Hz
Power Supply	60 W external	60 W external	180 W ATX
Operating temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C
Regulatory	FCC, CE	FCC, CE	FCC, CE

Astaro's firewall is **ICSA Labs certified**. The company's technology has received recognition and awards such as **Editors' Choice** and **Best Business Security Solution of the Year** from PC Magazine, **Best Security Solution** from LinuxWorld Expo, **10 Stars** and **Test Center Recommended** from CRN Magazine, **Five Stars** from SC Magazine, **"Extremely Cost-Effective"** from The Tolly Group, and **"Excellent"** from InfoWorld Magazine.

Astaro Security Gateway 320



Small and medium-sized companies, approx. 600 users

Astaro Security Gateway 425



Medium-sized companies and enterprises, approx. 1,200 users

Astaro Security Gateway 525



Enterprises, approx. 2,000 users

Astaro Security Gateway 525F



Enterprises, approx. 2,000 users

426 x 44 x 380 mm

7 kg/15.4 lbs

426 x 44 x 432 mm

7.2 kg/15.9 lbs

426 x 88 x 600 mm

15 kg/33 lbs

426 x 88 x 600 mm

15 kg/33 lbs

unrestricted

420 Mbit/s

200 Mbit/s

unrestricted

550,000

unrestricted

unrestricted

1,200 Mbit/s

265 Mbit/s

unrestricted

700,000

unrestricted

unrestricted

3,000 Mbit/s

400 Mbit/s

unrestricted

>1,000,000

unrestricted

unrestricted

3,000 Mbit/s

400 Mbit/s

unrestricted

>1,000,000

unrestricted

1 GB

80 GB

4

4

4

2

90-264 VAC

47-63 Hz

250 W ATX

0°C to 40°C

FCC, CE

2 GB

74 GB S-ATA

8 (4 x PCI, 4 x PCI-E)

4

2

90-264 VAC

47-63 Hz

250 W ATX

0°C to 40°C

FCC, CE

4 GB

2 x 120 GB S-ATA, RAID*

1

10 (PCI-E)

2

2

1

90-264 VAC

47-63 Hz

2 x 460 W ATX*

0°C to 40°C

FCC, CE

4 GB

2 x 120 GB S-ATA, RAID*

1

4 (PCI-E)

6 (SFP)

2

2

1

90-264 VAC

47-63 Hz

2 x 460 W ATX*

0°C to 40°C

FCC, CE

* Hot swappable equipment



Technical Highlights

Web Security

- ▶ High performance web proxy
- ▶ Content filtering and monitoring against 60 content categories
- ▶ Blocking of incoming spyware downloads
- ▶ Detection of outgoing spyware messages

E-mail Security

- ▶ Nine spam identification methods
- ▶ Options to drop, flag or quarantine spam
- ▶ Detection of phishing e-mails
- ▶ SMTP e-mail encryption (TLS)
- ▶ Quarantine management

Virus Detection

- ▶ Two independent virus scanning engines
- ▶ Scans e-mails and web file downloads
- ▶ Utilizes pattern matching, heuristics, and code emulation

Network Security

- ▶ Stateful packet inspection firewall
- ▶ Application-level deep packet inspection

- ▶ Time-based packet filter rules
- ▶ Instant messaging and P2P Control
- ▶ Worm and Botnet prevention
- ▶ Zero day intrusion prevention
- ▶ Anomaly detection
- ▶ DoS/flood protection
- ▶ PPTP, L2TP and IPSec VPNs
- ▶ Clientless Remote Access

Security Proxies

- ▶ HTTP/HTTPS
- ▶ SMTP
- ▶ POP3
- ▶ DNS
- ▶ SIP, RTP
- ▶ SOCKS

Logging & Reporting

- ▶ Web reports
- ▶ E-mail reports
- ▶ Real-time notification (E-mail/SNMP)
- ▶ Remote Syslog

User Management

- ▶ Local and remote users/groups
- ▶ X.509 certificate/PKI support
- ▶ Radius
- ▶ SMB/Netbios
- ▶ Novell eDirectory
- ▶ LDAP
- ▶ Active Directory/NTLM

Networking

- ▶ Stateful high availability
- ▶ Transparent/bridging mode
- ▶ Advanced routing
- ▶ Bandwidth management
- ▶ Traffic shaping/QoS
- ▶ Uplink redundancy
- ▶ VoIP support

Interface Support

- ▶ 10/100/1000 Mbps Ethernet
- ▶ DSL, Cable, Modem
- ▶ VLAN

Support and Training Services

Astaro supports its customers with an outstanding services program. All Astaro products come with a 90-day software warranty and at least one year of hardware replacement. Customers can purchase support programs that include expedited replacement, e-mail and telephone support, and 24-by-7 assistance.

Astaro trains and certifies network administrators in brief web-based sessions, enabling them to become fully proficient in all aspects of Astaro's products.

About Astaro

Astaro was founded in 2000, with the goal of creating integrated, easy-to-use network security products. The company's leading Unified Threat Management product, Astaro Security Gateway, protects more than 25,000 customers, ranging from small businesses, to government and non-profit agencies, to global enterprises. Astaro is co-headquartered in Karlsruhe, Germany and Boston, United States, with offices and solutions partners in over 40 countries.

Learn More

Download an evaluation copy of the Astaro Security Gateway software at www.astaro.com or contact Astaro at:



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