Secure 2 Fiber

SCALABLE CYBERSECURITY TECHNOLOGY

DATA MATRIX

AIMdefense
Next Generation Firewall

ASSEMBLED IN GERMANY

*1 *2 *2

	AIMdefense FW 50	AIMdefense FW 100	AIMdefense FW 600	AIMdefense FW 50R	AIMdefense FW 50R Dual Rack	AIMdefense FW 1000	AIMdefense FW 2000	AIMdefense FW 2500	AIMdefense FW 3000
Form Factor	Desktop	Desktop	Desktop	1U 19” Rackmount	1U 19" Rackmount	1U 19” Rackmount	1U 19” Rackmount	1U 19” Rackmount	1U 19” Rackmount
Processor	Intel® Celeron® N3350 CPU	Intel® Celeron® J6412 CPU	Intel® Atom® C3000 Series	Intel® Celeron® N3350 CPU	2 x Intel® Celeron® N3350	Intel® Core i5 Series	Intel® Core i7 Series	AMD® EPYC 7000 Series	Intel® Xeon® Gold 6000 Series
Memory	8 GB	8 GB	16 GB	8 GB	2 x 8 GB	32 GB	64 GB	64 GB	128 GB
Ethernet Ports	4 x GbE RJ45	4 x 2.5 GbE RJ45	4 x GbE RJ45 Intel® SoC Integrated MAC 2 x GbE RJ45 Intel® i350 and 2 x GbE SFP Intel® i350	4 x GbE RJ45	8 x GbE RJ45	1 x GbE RJ45 With LED MGMT Via i219 8 x 2.5GbE RJ45 With LED Via i226	1 x GbE RJ45 With LED MGMT Via i219 8 x 2.5GbE RJ45 With LED Via i226	1 x GbE RJ45 Intel i210, 4 x SFP+ (module included)	1 x GbE RJ45 Intel i210, 4 x SFP+ (module included)
Storage	128 GB M-SATA	128 GB M.2 SSD	128 GB mSATA SSD	128 GB M-SATA	2 x 128 GB M-SATA	240 GB	240 GB	500 GB SSD	960 GB SSD
Cooling	Fanless	Fanless	Passive CPU Heatsink	Fanless	Fanless	Passive CPU Heatsink	Passive CPU Heatsink	Passive CPU Heatsink	Passive CPU Heatsink
Power supply	40W Power Adapter	40W Power Adapter	60W Power Adapter	AC 100~240V @50~60 Hz	2 x AC 100~240V @50~60 Hz	220W ATX Single PSU	220W ATX Single PSU	550W 1+1 ATX Redundant PSUs	550W 1+1 ATX Redundant PSUs
Dimensions (W x D x H)	124 x 119 x 19 mm	183 x 168 x 32 mm 0,9	231 x 200 x 44 mm	438 x 300 x 44 mm	438 x 300 x 44 mm	438 x 321 x 44 mm	438 x 321 x 44 mm	438 x 610 x 44 mm	438 x 610 x 44 mm
Weight	0,5 kg	kg	1,2 kg	3,5 kg	3,9 kg	4,71 kg	4,71 kg	10,15kg	10,5kg
Certifications	CE/FCC Class B, RoHS	CE/FCC Class B (Class A with PoE)	RoHS, CE/FCC CLASS B, UL, VCCI, RCM, CCC, PTCRB, ODI, MBTC	CE/FCC Class B, RoHS	CE/FCC Class B, RoHS	RoHS, CE/FCC Class A, UKCA, UL	RoHS, CE/FCC Class A, UKCA, UL	RoHS, CE/FCC, UL	RoHS, CE/FCC, UL
Warranty	3 / 5 Years	3 / 5 Years	3 / 5 Years	3 / 5 Years	3 / 5 Years	3 /5 Years	3 / 5 Years	3 / 5 Years	3 / 5 Years

*1 Antennas only available if Wi-Fi option is booked.

*2 Other modules not included and must be booked separately. Rackmount slide kit included.

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The AIMdefense Firewalls give you the highest possible transparency, protection
and performance to master the security of your network with ease.
Phishing, Malware, Ransomware and other unwanted traffic and attackers are analyzed, cleaned and blocked.
The dramatic increase in bandwidth usage, encrypted data traffic, video deployment and transmission speeds
require an efficient, cost-effective securing of your networks.
For these requirements, the AIMdefense Firewall is your ultimate solution
- all assembled in Germany!

Network	AIMdefense FW 50/ AIMdefense FW 50R/ FW 50R Dual Rack	AIMdefense FW 100	AIMdefense FW 600	AIMdefense FW 1000	AIMdefense FW 2000	AIMdefense FW 2500	AIMdefense FW 3000
IPv4 und IPv6	✓	✓	✓	✓	✓	✓	✓
Link Aggregation (LACP)	✓	✓	✓	✓	✓	✓	✓
Multi-WAN incl. Loadbalancing and Failover	✓	✓	✓	✓	✓	✓	✓
VLAN und VXLAN	✓	✓	✓	✓	✓	✓	✓
NTP	✓	✓	✓	✓	✓	✓	✓
Access Control	✓	✓	✓	✓	✓	✓	✓
DHCP/DNS							
DHCPv4 und DHCPv6 mit Relay und BOOTP Support	✓	✓	✓	✓	✓	✓	✓
Dynamic DNS	✓	✓	✓	✓	✓	✓	✓
Caching DNS incl. Host/Domain Overwrites	✓	✓	✓	✓	✓	✓	✓
DNS Blacklists	✓	✓	✓	✓	✓	✓	✓
Access Control	✓	✓	✓	✓	✓	✓	✓

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Firewall							
Statefull Inspection Firewall (SIF)	✓	✓	✓	✓	✓	✓	✓
Operation System Fingerprinting (OSFP)	✓	✓	✓	✓	✓	✓	✓
Network Address Translating (NAT)	✓	✓	✓	✓	✓	✓	✓
Rulebased Limitation of Equal Connections	✓	✓	✓	✓	✓	✓	✓
Packet Normalisation	✓	✓	✓	✓	✓	✓	✓
Opt. Activation of Protocol per Rule	✓	✓	✓	✓	✓	✓	✓
Policy Based Routing	✓	✓	✓	✓	✓	✓	✓
Grouping via Aliase	✓	✓	✓	✓	✓	✓	✓
Categorisaton of Rules Lines	✓	✓	✓	✓	✓	✓	✓
DROP and EDROP	✓	✓	✓	✓	✓	✓	✓
GeoIP	✓	✓	✓	✓	✓	✓	✓
Controle of Connection Status	✓	✓	✓	✓	✓	✓	✓
Pure Router Usage without Firewall	✓	✓	✓	✓	✓	✓	✓
Additional Diagnostic Tools	✓	✓	✓	✓	✓	✓	✓
AIMdefense							
AIMdefense Basic, Basic Alias / VOIP	✓	✓	✓	✓	✓	✓	✓
AIMdefense Advanced, Abuse / Attack / Compromised / Malicious / Malware / Phising / Proxies	✓	✓	✓	✓	✓	✓	✓

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VPN							
IPsec mit IKEv1, IKEv2, NAT-T, DPD	✓	✓	✓	✓	✓	✓	✓
OpenVPN	✓	✓	✓	✓	✓	✓	✓
WireGuard	✓	✓	✓	✓	✓	✓	✓
Stunnel	✓	✓	✓	✓	✓	✓	✓
Traffic Shaper / QOS							
Rule based Matching	✓	✓	✓	✓	✓	✓	✓
Bandwidth Management	✓	✓	✓	✓	✓	✓	✓
Bandwith Sharing	✓	✓	✓	✓	✓	✓	✓
Priorisation Regardless Firewall Rules	✓	✓	✓	✓	✓	✓	✓
Intrusion Detection Systems and Prevention Systems (IDS/IPS)							
Deep Packet Inspection	✓	✓	✓	✓	✓	✓	✓
SSL Fingerprinting	✓	✓	✓	✓	✓	✓	✓
Captive Portal (Guest Network, BYOD)							
Several Zones	✓	✓	✓	✓	✓	✓	✓
Templates for own Corporate Identity	✓	✓	✓	✓	✓	✓	✓
Authentification via LDAP, Radius, Local User Manager	✓	✓	✓	✓	✓	✓	✓
Vouchers and Tickets	✓	✓	✓	✓	✓	✓	✓
Splash Screen Only	✓	✓	✓	✓	✓	✓	✓
Timeout/Welcome Back	✓	✓	✓	✓	✓	✓	✓
Bandwidth Management	✓	✓	✓	✓	✓	✓	✓
Portal Bypass	✓	✓	✓	✓	✓	✓	✓
Realtime Reporting	✓	✓	✓	✓	✓	✓	✓

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High Availability							
Automatic Hardware Failover	✓	✓	✓	✓	✓	✓	✓
Synchronisation	✓	✓	✓	✓	✓	✓	✓
Configuration Synchronised	✓	✓	✓	✓	✓	✓	✓
Connection Status	✓	✓	✓	✓	✓	✓	✓
High Availability, Single Instance CARP							
Monitoring							
SNMP	✓	✓	✓	✓	✓	✓	✓
Netflow Exporter	✓	✓	✓	✓	✓	✓	✓
Netflow Analyser	✓	✓	✓	✓	✓	✓	✓
Netflow CVS Export	✓	✓	✓	✓	✓	✓	✓
Two-factor Authentication (2FA)							
Time-based One-time Password (TOTP)	✓	✓	✓	✓	✓	✓	✓
Google Authenticator	✓	✓	✓	✓	✓	✓	✓
For Captive Portal, Proxy, VPN and WebGUI	✓	✓	✓	✓	✓	✓	✓
Virus Scanner							
Internet Content Adaption Protocol (ICAP)	✓	✓	✓	✓	✓	✓	✓
ClamAV	✓	✓	✓	✓	✓	✓	✓
For Email	✓	✓	✓	✓	✓	✓	✓
For Webproxy	✓	✓	✓	✓	✓	✓	✓
Webproxy							
HTTP, HTTPS, FTP und WebDAV	✓	✓	✓	✓	✓	✓	✓
SSH, SCP und SFTP	✓	✓	✓	✓	✓	✓	✓
Caching Proxy	✓	✓	✓	✓	✓	✓	✓

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Multi-Interface	✓	✓	✓	✓	✓	✓	✓
Transparent Modus	✓	✓	✓	✓	✓	✓	✓
TLS/SSL Inspection	✓	✓	✓	✓	✓	✓	✓
Automatic Configuration via WPAD/PAC	✓	✓	✓	✓	✓	✓	✓
Access Control Lists (ACLs)	✓	✓	✓	✓	✓	✓	✓
Blacklists	✓	✓	✓	✓	✓	✓	✓
Webfilter, Categorised	✓	✓	✓	✓	✓	✓	✓
Traffic Management	✓	✓	✓	✓	✓	✓	✓
Single-Sign-On (SSO) for LDAP, MS AD, Radius, others	✓	✓	✓	✓	✓	✓	✓
Virenscan via ICAP	✓	✓	✓	✓	✓	✓	✓
Reverse Proxy							
HTTP, HTTPS and FTP	✓	✓	✓	✓	✓	✓	✓
SMTP, POP3 and IMAP	✓	✓	✓	✓	✓	✓	✓
TCP and UDP Data Streams	✓	✓	✓	✓	✓	✓	✓
Load Balancer and Failover	✓	✓	✓	✓	✓	✓	✓
WAF	✓	✓	✓	✓	✓	✓	✓
SNI Based Routing	✓	✓	✓	✓	✓	✓	✓
Certificate Management							
Integrated Managened of Certificates	✓	✓	✓	✓	✓	✓	✓
Self-Signed	✓	✓	✓	✓	✓	✓	✓
Let's Encrypt	✓	✓	✓	✓	✓	✓	✓

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Additional Services							
Internet Group Management Protocol (IGMP)	✓	✓	✓	✓	✓	✓	✓
Radius	✓	✓	✓	✓	✓	✓	✓
Link Layer Discovery Protocol (LLDP)	✓	✓	✓	✓	✓	✓	✓
VOIP SIP Proxy	✓	✓	✓	✓	✓	✓	✓
Firmware / Updates							
REST API	✓	✓	✓	✓	✓	✓	✓
Easy Upgrade	✓	✓	✓	✓	✓	✓	✓
Complete Documentation	✓	✓	✓	✓	✓	✓	✓
		Optional	**Additional**	**Modulex**			
Email / Mail Proxy							
Multidomain SMTP-Relay	✓	✓	✓	✓	✓	✓	✓
Rewriting of Adresses	✓	✓	✓	✓	✓	✓	✓
Header Checks	✓	✓	✓	✓	✓	✓	✓
Fetch Mail Plugin inclusive Multidrop	✓	✓	✓	✓	✓	✓	✓
Email Spam and Maleware Filter							
Blocked Data Endings	✓	✓	✓	✓	✓	✓	✓
Graylisting	✓	✓	✓	✓	✓	✓	✓
SPF	✓	✓	✓	✓	✓	✓	✓
DKIM	✓	✓	✓	✓	✓	✓	✓
MX-Check	✓	✓	✓	✓	✓	✓	✓
Phishing	✓	✓	✓	✓	✓	✓	✓
Rate-Limits	✓	✓	✓	✓	✓	✓	✓

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Spam-Trap	✓	✓	✓	✓	✓	✓	✓
RBL	✓	✓	✓	✓	✓	✓	✓
SURBL	✓	✓	✓	✓	✓	✓	✓
Virusscan	✓	✓	✓	✓	✓	✓	✓
AIMdefense RSPAMD Additional Modules							
RSPAMD Module, Improofed by Experience from SPAM E-Mails Integragtion of Purchased Lists (HAM + SPAM)	✓	✓	✓	✓	✓	✓	✓
Ubiquiti Unifi Controller							
Ubiquiti Unifi Controller			✓	✓	✓	✓	✓
Host Routes							
Host Routes			✓	✓	✓	✓	✓

Do you have any questions? Please contact us!

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Visit us on **www.secure2fiber.com**!

About Secure 2 Fiber
Our company consists of a perfectly coordinated team with years of experience in the B2B distribution of network hardware and cybersecurity solutions. Thanks to a broad network of well-known hardware manufacturers and open source projects, every company can find network solutions in our portfolio that are ideally suited to their individual requirements. In addition to our products, we offer additional services such as hardware consulting, customization, professional installation according to German quality standards and warehousing.
Digital. Secure. For every company size.

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