

ZNA6708 FULLY REDUNDANT APPLIANCE DATASHEET

Flexible and easy to use ADC



The **Fully Redundant Network Appliance ZNA6708** is a powerful load balancing industrial server that provides the highest performance. Thanks to its redundancy, secure and guarantee the most critical performance of your business IT services, applications, and networks.

Specifications

Massive scalability

- Load Balancing at layers L2, L3, L4, and L7, for networks, services, applications and data centers.
- Advanced HTTP application features like session persistence, redirections, virtual hosts, cookie insertion, reverse proxy, among others.
- Support of dNAT (transparency) and sNAT topologies.
- Traffic distribution totally programmable.
- Layer 4 ultra high performance and multi-protocol allowance a in single service.
- Traffic scalability and distribution by weight, round robin, cpu load, memory, least connections, least response, etc.
- Support of protocols tcp, udp, sctp, sip, ftp, tftp, http, https, rdp, ssh, pop3, imap, smtp, dns, ntp, ldap, ldaps, radius, etc and applications MS Exchange, Lynx, Citrix, and more...

Security

- Advanced HTTPS features like SSL Offload, on fly decryption/encryption, SNI and wildcard certificates support.
- Ready for A+ in SSL Labs and PCI compliance.
- Intrusion prevention and detection service (IPS+IDS) with DoS protection, blacklists, and Realtime blackhole lists.
- Security analyzer to detect and fix security flaws or weak configurations.

System

- Advanced network management: VLANs, virtual IPs, link aggregation, static routing, and IPv6.
- Configuration backups to allow quick disaster recovery procedures.
- Active-passive cluster service with automated replication.
- Optimized for reliable and high performance hardware.
- Monitoring through SNMP, RRD graphs and email notifications.
- Automation support through REST+JSON API.
- Optimized 64 bits operating system ready for massive scalable systems.
- Layered logs system.

Usability

- Responsive and user friendly web graphic user interface.
- Easy upgrades and maintenance.

Hardware Specifications

CPU	Intel® Xeon E3-1245 v5, Base Frequency 3.5 GHz with 2 x 4 cores
Memory	8GB DDR4 2133 MHz ECC (max. 64 GB)
LAN	1 x RJ-45 GbE Ethernet port
Storage	16 GB mSATA
Console	1 x RJ45 to RS232
Expansion Slot	4 x NIC Slots
USB	2 x USB 2.0 type A
Power Supply	300W 1+1 ATX Redundant PSUs, AC 90~264V@47~63Hz
Dimensions	1U: 438(W) x 44(H) x 321(D) mm, or 17.2"(W) x 1.73"(H) x 12.6"(D)
Weight	15 kg
Operating Temperature	0 ~ 40°C, or 32°F ~ 104°F
Storage Temperature	-20° ~ 70°C, or 4°F ~ 158°F
Operating Humidity	5 ~ 90%, non-condensing
Cooling System	4 x Cooling Fans with Smart Fan
Certification EMC	CE Class A, FCC Class A, RoHS, UL
OPMA slot for IPMI card	Yes (Optional IPMI Card)

Appliance I/O



Caption

F1	LED indicators
F2	LCM
F3	RJ45 Management NIC
F4	Console
F5	USB Type A
F6	Optional NICs expansion modules - 2x NIC slots (2x PCIE4) + 2x NIC slots (1x PCIE8)
R1	Optional PCIe expansion slot
R2	4 x cooling fans
R3	Power switch
R4	Redundant power supply

Optional Expansion Modules

8E801	8 ports x 1Gb RJ45	PCIE8
8F401	4 ports x 1Gb SPF	PCIE4
8F801	8 ports x 1Gb SPF	PCIE4
8E210	2 ports x 10Gb RJ45	PCIE8
8F410	4 ports x 10Gb SPF	PCIE8
8F240	2 ports x 40Gb QSPF	PCIE8

Zevenet Review

Who is using Zevenet?

Several hundred thousands of installations and deployments around the world are the background of Zevenet. Companies and Enterprises from different sectors around the world rely on Zevenet as a stable and professional product to provide high availability, security and massive scale solution for their infrastructure. Among Zevenet's customers, we can find companies from various sectors like Healthcare, Education, Utilities, Internet Providers, Financial, Hosting Providers, Government, IT Consulting, Industry, etc.

What can we do with Zevenet?

Zevenet makes massive scale infrastructure easier for networks, services, and applications. Zevenet has a proven performance in different environments with software solutions like Citrix XenApp, Terminal Services, Microsoft Exchange, Outlook Web Access, IIS, Apache, Tomcat, Lotus Notes, and much more.

Why Zevenet?

We're developers of open high technology made easy for system administrators, network engineers, and DevOps. We believe in no limitations, transparency, and openness of technology.

What about performance?



6,000,000
TCP REQUESTS/SEC



42,000
HTTP REQUESTS/SEC



38,000
HTTPS REQUESTS/SEC