ZNA6508 HARDWARE APPLIANCE DATASHEET

Powerful and easy to use ADC

40 Gbps | 10 Gbps

The **ZNA6508 Hardware Appliance** is a powerful optimized industrial server that provides the highest performance, secure and reliable application delivery controller to 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, compression, caching, among others.
- Support of dNAT (transparency) and sNAT topologies.
- Traffic distribution totally programmable.
- Layer 4 ultra high performance and multi-protocol allowance in a 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 the fly decryption/encryption, SNI and wildcard certificates support.
- Ready for A+ in SSL Labs and PCI compliance.
- Web application firewall.
- 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 and active-active 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® CoreTM i5-7500, Base Frequency 3.40 GHz with 4 cores
Memory	4GB DDR4 2133 MHz (max. 32GB)
LAN	Intel i210, 6 x RJ45 GbE ports, 2 pairs Gen.3 LAN bypass
Storage	16 GB mSATA
Console	1 x RJ45
Expansion Slot	1 x PCIe
USB	2 x USB 3.0 type A
Power Supply	220W single power supply unit, 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 12.63”(D)
Weight	8 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	2 cooling silent fans
Certification EMC	CE Class A, FCC Class A, RoHS
OPMA slot for IPMI card	Yes (Optional IPMI Card)

Appliance I/O

Caption

F1	LED indicators
F2	LCM
F3	Console
F4	USB 3.0
F5	Embedded NICs
F6	Optional NIC expansion module (1x PCIE8)
R1	Optional PCIe expansion slot
R2	Cooling fans
R3	Power switch
R4	Single power supply

Optional Expansion Modules

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

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?

1,800,000
TCP REQUESTS/SEC

41,000
HTTP REQUESTS/SEC

36,000
HTTPS REQUESTS/SEC