Powerful and easy to use ADC

The **RNA1004 Hardware Appliance**, powered by 4 core processor, is a fanless and compact appliance powered with RELIANOID Community Edition and ability to seamlessly upgrade to Enterprise, secure and reliable application delivery controller to your business IT services, applications and networks.

2,5Gb

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, advance management headers, among others.
- Support of dNAT (transparency), DSR, Stateless NAT, for high performance natting, and sNAT topologies.
- Traffic distribution is 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.
- Optional GSLB with Enterprise Edition upgrade.

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.
- Optional Web Application Firewall with Enterprise Edition upgrade.
- SSL Hardware acceleration by default.

- Optional DoS protection, blacklists, and Realtime blackhole lists with Enterprise Edition upgrade.
- Optional VPN services available with Enterprise Edition upgrade
- Automated updates for security resources.

RNA1004 Fanless HW Appliance Datasheet

System

- Advanced network management: VLANs, virtual IPs, link aggregation, static routing, optional VPN and IPv6.
- Configuration backups to allow quick disaster recovery procedures.
- Optional active-passive cluster service with automated replication with Enterprise Edition upgrade.
- Monitoring through SNMP, RRD graphs and email notifications.
- Fully automation support through REST+JSON API or cli.
- Layered logs system.

Usability

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

Hardware Specifications

CPU	Intel® Celeron J6412, 2.00 GHz with 4 cores
Memory	8GB DDR4 (max. 32GB)
LAN	4 x 2,5 GbE RJ45
Storage	256 GB M.2 SSD
Console	1 x RJ45
Expansion Slot	No
USB	1 x USB 3.0
Power Supply	40W single PSU, AC 100~240@50~60Hz
Dimensions	1U 19'': 183(W) x 32(H) x 168(D) mm
Weight	0.9 kg
Operating Temperature	0 ~ 40°C, or 32°F ~ 104°F
Cooling System	Fanless
Operating Humidity	5 ~ 90%
IPMI card	No
Certifications	RoHS, UL, VCCI, UKCA, CE/FCC Class B (Class A with PoE)

RNA1004 Fanless HW Appliance Datasheet

Appliance I/O

A Power On/Off	**D** 4x 2.5GbE RJ45	**G** Status LED
B DC Jack	**E** Display Port	**H** Console
C DC +54V (Optional PoE+)	**F** Reset Button	**I** USB 3.1

RELIANOID Review

WHO IS USING RELIANOID?

Several hundred thousands of installations and deployments around the world are the background of RELIANOID. Companies and Enterprises from different sectors around the world rely on RELIANOID as a stable and professional product to provide high availability, security and massive scale solution for their infrastructure. Among RELIANOID'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 RELIANOID?

RELIANOID makes massive scale infrastructure easier for networks, services, and applications. RELIANOID 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 RELIANOID?

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?

5,720,000	320,000	195,000
TCP REQUESTS/SEC	HTTP REQUESTS/SEC	HTTPS REQUESTS/SEC