

EXA EVO+ A7500-2G-4S+2CQ Recommended For Up to 100 Gbps Throughput

World's most affordable 100 Gigabit appliance for server and networking application

High Performance appliance

Ready to use solution based on open-source technology
 PROXMOX, pfSense, OPNSense, BSD-RP, RouterOS, VyOS, DANOS
 and many other open source software / tools are tested working perfectly

32 Cores 64 Threads



2x 1 Gigabit RJ-45

4x 10 Gigabit SFP+

2x 100 Gigabit QSFP28



Open Appliance

suitable for any implementation scenario from routing, firewall, load balancer, or just simply install popular OS such as Linux, Windows, BSD operating system can be use as medium-sized server. Simply Open.



Virtualization Support

AMD Secure Virtual Machine technology compatible with KVM, VMware, XEN, Hyper-V and any other virtual machine technology. Also works with OpenStack and containerization such as Docker.



Competitive Price

Many customer have achieved significant cost savings since implementing our solution. We offer the best value per performance that optimize and simplify your business.

AMD
EPYC



MikroTik



VyOS = Router



untangle = Firewall
 Unified Treat Management



CentOS



Debian



Ubuntu



FreeBSD

= Server

Web, DNS, Mail, NAS, Application



PROXMOX



Windows Server

YOUR LOGO HERE

YOUR OS / APP

= Embedded

System and application

OS installation request accepted : RouterOS (CHR), CentOS Linux 7, Debian Linux 9/10, Proxmox VE, Ubuntu 16/18 pfSense, OPNSense, FreeNAS, FreeBSD, Microsoft Windows Server. Support RAID Software

BITBOX already trusted by several business such as Network Access Provider, Internet Service Provider, System Integrator, Cloud Provider, Government Agencies, Educational Institutions, Schools, Hotels and many others

SPECIFICATION



Model no	EXA EVO+ A7500-2G-4S+2CQ	
Form Factor	1U Rackmount	
Platform	Processor	: AMD EPYC 7500 2.9-3.4 Ghz
	CPU Socket	: 1x SP3
	Chipset	: System on Chip
	Security Acceleration	: -
BIOS	AMI 256Mb SPI Flash EEPROM	
System Memory	Technology	: DDR4 3200 MHz Registered ECC
	Capacity	: 64GB
	Socket	: 288-pin gold-plated DIMMs
Networking	Ethernet Ports	: 2x 1GbE 4x 10GbE Intel X710 2x 100 Gbe Nvidia Connect-X 5 1 RJ45 Dedicated IPMI LAN Port
I/O Interface	Reset Button	: -
	LED	: Power/Storage
	Power Button	: 1x Power button
	USB	: 6xUSB 3.0 (4 Front+2 via Header)
	Display	: 1xVGA
	Power Input	: AC Power inlet on PSU
Storage	HDD/SSD Support	: 1x 256 GB M.2 NVMe
Expansion	PCIe	: 5 PCIe 4.0 x16, 2 PCIe 4.0 x8
	Mini PCIe	: 2 PCIe 4.0 x4
Misscellaneous	Watchdog	: Yes
	Internal RTC with Li Battery	: Yes
	Mounting Kit	: Yes
Cooling	Processor	: CPU Fan
	System	: 4xCooling Fan
Environmental Parameters	Temperature	: 10°C to 35°C (50°F to 95°F)
	Humidity	: 8 ~ 90% non condensing / 8 ~ 95%, non condensing
System Dimensions	(WxHxD)	: 43cm x 5,3cm x 52cm
	Weight	: 12kg
Package Dimensions	(WxHxD)	: 53cm x 12cm x 62cm
	Weight	: 13kg
Power	Type/Watts	: 300W redundant DUAL ATX PSU
	Energy efficiency	: 80 PLUS GOLD
	Input	: 90~264V@47~63Hz
Approvals and Compliance	CE, FCC Class B	

*Design and specifications product are subject to change without notice



BITBOX is high performance server platform with open networking appliance capability that support server virtualization and software defined function. Industrial grade hardware that allows your running application 24/7 seamlessly.

Designed in Sukabumi, Made In Shenzhen.

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