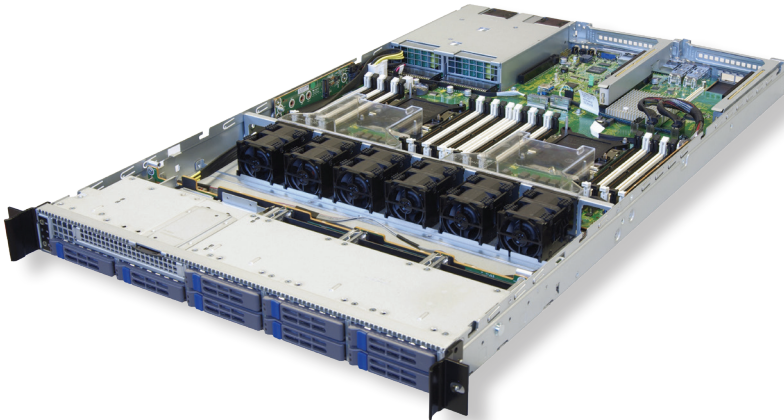


R5111 1U 2CPU server



This TradeDX white label server is a two-socket 1U rack-mount highly versatile server based on the latest Intel® Xeon® Scalable Processors.

Server is especially designed for cloud, software defined storage and visualization domains.

KEY BENEFITS

Extreme performance

- Two Intel® Xeon® Scalable CPU up to 150W TDP
- Variety of 10/25/40/50/100Gb OCP NIC
- Choice of 40/56Gb FDR and 100Gb EDR OCP InfiniBand adapters
- Storage options flavors
 - All flash 10x U.2 SFF NVMe
 - 8x SFF SATA/SAS
 - Hybrid 4x LFF SATA/SAS + 4x SFF SATA/SAS

Efficiency

- Full-featured remote management at no additional cost via Virtual KVM, Virtual Media, IPMI 2.0
- Intel Rack Scale Design v2.1 compatible
- Can be installed into any standard rack including 800mm telecom rack

Expandability

- 2x internal M.2 SSD for system boot
- Up to 24x DDR4 DIMMs
- No vendor lock-in components



TradeDX s.r.o.

+420 703 476 051
info@tradedx.eu
www.tradedx.eu

Address:
Karlova 245, 284 01 Kutná Hora
Czech Republic

Support:
support@tradedx.eu
+420 703 476 050

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Feature	Technical specification
Form factor	1U rack mount with rails, can be installed to 800mm telecom rack
Processor	2x Intel® Xeon® Scalable EP with TDP up to 150W
Chipset	Intel C622
Memory	Up to 3TB (24 DIMM slots): 8GB/16GB/32GB/64GB/128GB DDR4, up to 2666/2400MT/s
I/O slots	2x full height PCIe x16 1x OCP slot
Internal storage	Internal 2x M.2 SSD Backplane options: 1) 8 x 2.5" SATA/SAS HDD/SSD 2) 10 x 2.5" U.2 SSD 3) 4 x 3.5" SATA/SAS HDD/SSD plus 4 x 2.5" SATA/SAS HDD/SSD
RAID/HBA	Embedded Intel SATA controller Broadcom or Microsemi HBA and RAID adapters
Embedded NIC	2x 1Gb RJ-45, 2x 10Gb SFP+ (Embedded Intel X722) With iWARP RDMA, VxLAN support
OCP NIC	Intel 10/25/40Gb OCP NIC QLogic QL45204 25Gb OCP NIC Mellanox 10/25/40/50/100Gb OCP NIC Broadcom 10/25/40/50/100Gb OPC NIC Mellanox Infiniband 40/56Gb FDR, 100Gb EDR
FAN	6x redundant fans
Power supply	2x Redundant 550W/800W Platinum PSU, 100-240VAC 50/60Hz
Rear Ports	2 x USB 3.0 2 x 1Gb RJ-45 2 x 10Gb SFP+ 1 x 1Gb management 1 x VGA port 1 x Health LED 1 x Power button with LED 1 x UID button with LED
Rear ports	2x USB 3.0, 2x 1Gb RJ-45, 2x 10Gb SFP+, 1x 1Gb management, 1x VGA, Health LED, Power button/LED, UID button/LED
Availability	Hot-plug redundant PSU, hot-plug redundant fans, hot-plug disks, ECC memory, dual M.2 card, SNMP/Email system management alerts
Remote management	AST 2500 BMC chip, IPMI 2.0, Virtual Media/Virtual KVM (HTML5) Intel® Rack Scale Design v2.1
Operating systems	Microsoft Windows Server® 2008/2012 R2/2016 (includes Hyper-V) Novell® SUSE® Linux Enterprise Server, Red Hat® Enterprise Linux CentOS, Canonical Ubuntu Server, VMware vSphere® ESXi™