

PMG-7095

Portwell Media Giant Enterprise Virtual Array in 4U rack-mount

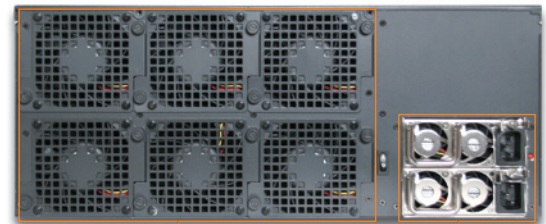


FEATURE

- With 12 SATA hot-swap bays
- Dual Intel® 51XX/54XX series CPU with 4M L2 cache/ 1333MHz FSB
- Flexible removable Ethernet modules
- Up to 18 Gigabit Ethernet ports
- Eight DDR667/533 FBDIMM memory slots
- Flexible PCI-X/PCI-E expansion slots
- Redundant ATX PSU
- Cable-less for user-friendly maintenance
- Supported PCI-X/PCI-E RAID card

SPECIFICATION

CPU Board	- Supports Intel® Quad Core™ E54XX/L54XX series - Support Intel® Dual Core™ E52XX/L52XX/LV51XX/51XX series
System Memory	- Eight FB-DIMM DDR2 667/533 sockets - Supports up to 32GB ECC/registered memory
Ethernet Port	- Two PCI32 management ports - Up to 16 PCI-E copper Ethernet ports - Up to 8 PCI-E SFP Ethernet ports - Flexible Ethernet modules
Expansion Slot	- Up to Two PCI-X expansion slots or - One low profile PCI-X and one PCI-E
Storage Device	- Up to 12 SATA HDD 3.5" with hot-swap bays - One compact flash socket for type-I CF card - Compact Flash
Serial Port	- One RJ45 connector for system consol - One 2x5 pin-connector
LCD Panel	2x16 characters LCD module with 4 buttons
LEDs	LED indicator for power status and storage access
USB	Two USB 2.0 ports
VGA	N/A
Power	Full-range 1+1 redundant PSU
Dimension	484 (W) x 576.5 (D) x 176 (H) mm 19.1" (W) x 22.7" (D) x 6.9" (H)
Operating Environment	- Temperature: 5 to 35°C (41 to 95°F) - Humidity: 20%~90% RH
Storage Environment	- Temperature: 0 to 70°C (32 to 158°F) - Humidity: 5%~95% RH
Certification	CE/FCC/UL



Swappable Fan module

700W ATX PSU

ORDERING GUIDE

Part No.	PCI32 x1 GbE	PCI-E x4 GbE	Bays	EZIO
PMG-7095-1206	2 RJ45	4 RJ45	12	Yes



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NETWORK SECURITY

Firewall, Anti-Virus, UTM, IDS, IPS, VPN, Content Filtering / Spam, Load-Balancing, RAS, Bandwidth Management, QoS

STORAGE

12 bays with RAID



Computing

Boosting quad-core or dual-core performance for multi-threaded applications and heavy multi-tasked scenarios within constrained thermal profile, incorporating low power 45nm process in efficient memory controller hub for L2 cache and front-side bus speed, and configuring up to 32GB FBDIMM memory provide compelling performance-per-watt advantages to wide range of applications. The 64-bit OS is also available for your critical missions.

Networking

The leading edge Gigabit Ethernet adopts a PCI Express standard with balanced performance and energy-efficient design that meets the throughput and latency requirements of storage demanding applications. The wide internal data path, advanced interrupt-handling, and large on-chip packet buffer eliminate performance bottlenecks by efficiently handling large address and data words. The I/O optimization secures the full utilization of computing capability without compromise.

Storage

Adopting RAID level 0, 1, 10, and 5 provides protection, fault tolerance, and performance. The RAID 0, called "striping", is a performance-oriented data mapping technique, which enables high I/O performance at a low cost. The RAID 1, called "mirroring", is a data redundancy technique, which provides full protection against data loss in the event of the failure of either of the disks. The RAID 5 stripes both data and parity information across three or more drives. Fault tolerance is maintained by a distributed parity algorithm. The RAID 10, called "striped mirrors", is a combination of RAID 0 and RAID 1, which provides excellent overall performance by combining the speed of RAID 0 with the redundancy of RAID 1.

CPU Support List

Quad-Code Xeon

- E54XX
- E53XX
- L54XX
- L53XX

Dual-Code Xeon

- E52XX
- L52XX
- LV51XX
- 51XX

Three PCI-E x8 Modules designed You can choose any configuration you want

- ABN-454 = 4 GbE copper ports
- ABN-458 = 8 GbE copper ports
- ABN-462 = 2 GbE Fiber ports
- ABN-464 = 4 GbE Fiber ports
- ABN-482 = 2 GbE Fiber ports with Bypass
- ABN-484 = 4 GbE ports with Bypass
- ABN-522 = 2 10G Fiber ports

Support PCI-X and PCI-E x8 interface You can choose any RAID card you want

RAID 0, 1, 5, 10 or more