



EonServ 7012 / 7016

- High Performance Enterprise Storage Servers



Data safety

Protected by Infortrend RAID technology, users can rest assured their stored data is safe from accidental or mechanical errors.



Intuitive design

SANWatch is intuitive and easy to use. There is no complicated setup process and the system can be up and running in no time!



Expandability

With built-in SAS expansion port for JBODs, the maximum hard drive expansion can reach 432 HDDs for 2U / 436 HDDs for 3U EonServ systems.



System hardware advantage

The design of EonServ is cable-less and easy to maintain with modular components.

EASY to Use

Model	EV 7012	EV 7016
Enclosure	2U 12-bay	3U 16-bay
Mother Board	1 x Mother Board	
CPU Socket	2 x Sockets	
CPU	- Intel E5-2609 V4, 1.7GHz, 8 cores - Intel E5-2620 v4, 2.1 GHz, 8 cores	
Memory Slot	16 x DIMM Slots	
Memory Type	DDR4 RDIMM 2133 MHz	
DIMM Size	- One CPU configuration: 16G, 32G, 64G, 128G, 256G, 512G - Two CPU configuration: 32G, 64G, 128G, 256G, 512G, 1024G	
Default Memory	- 1 x CPU: 16 GB (4 x 4GB RDIMM, 2133 MHz) - 2 x CPUs: 32 GB (8 x 4GB RDIMMs, 2133 MHz)	
PCI-Express Slot⁴	One CPU: - 1 x PCI-E 3.0 x16 - 1 x PCI-E 3.0 x 8 Two CPU: - 2 x PCI-E 3.0 x16 - 3 x PCI-E 3.0 x 8	
Real I/O Port	- 4 x 1 GbE - 2 x 10 Gb SFP+ - 1 x IPMI port ²	
USB Port	- 2 x USB 3.0 - 2 x USB 2.0	

Model	EV 7012	EV 7016
VGA	1 x VGA Port	
Service Port	1 x Service Port (Mini USB Connector - RS 232 Interface)	
Drive Interface	12 Gb SAS Connectivity	
Supported Disk	- 2.5" SATA/SAS SSD - 2.5" 10K RPM SAS HDD - 3.5" 7200 RPM NL SAS/SATA HDD	
JBOD Expansion Port	1 x 12Gb SAS Wide Port	
Jbod Enclosure	- JB 312 - JB 316	- JB 360 - JB 360L
Maximum of Disk Support	432Disks	436 Disks
System Disk	2 x Hot-swappable 2.5" SATA HDDs (Protected by RAID 1)	
Supported OS(64bit)	- Windows Server 2012R2/2016 - Windows 10 Enterprise	- RHEL 6.7 - CentOS 7/7.2
Support RAID	RAID 0, 1, 5, 6, 10, 50, 60	
Management Tools	- SANWatch - MegaRAC [®] SP-X ³	
PSU	Hot-swappable, Dual Redundant, 1200W PSU, with 80 Plus	
Enclosure Dimension	W 449 x L 650 x H 88 mm	W 449 x L 650 x H 130 mm

1. EV 7012 supports 5 low-profile PCIe cards. EV 7016 supports 2 full-length PCIe cards and 3 low-profile PCIe cards.
2. The availability of IPMI port varies by model.
3. Only models that have IPMI port can use MegaRAC[®] SP-X
4. For the latest compatibility details, please refer to the EonServ Compatibility Matrix
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