



EonServ 5000 Gen2

High Performance Enterprise Storage Servers



High Performance

8th Generation Intel® Core™ i3/Xeon E processor and 12Gb/s SAS interface for supporting hundreds of recording cameras in surveillance applications.



High Scalability

With 2U 12-bay/ 3U 16-bay design plus 4U 60-bay high-density expansion enclosure JB 360L, EonServ 5000 Gen2 can support maximum 436* SATA/NL-SAS HDD, more than 7PB raw capacity for the purpose of long-term camera data retention period.



Data Protection

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



Easy Management/Maintenance

All the hardware components have modular design for easy replacement and SANWatch, a friendly and intuitive user interface management software, that helps administrator easily monitor and manage multiple EonServ 5000 Gen2 from one central interface.

Product Series	EV5000 Gen2					
Form Factor & Available model	2U 12-bay		EV 5012G2		EV 5012G2L	
	3U 16-bay		EV 5016G2		EV 5016G2L	
Controller	Single Controller					
CPU	Intel Xeon® E-2226GE 6-Core 3.4G			Intel Core™ i3-8100 4-Core 3.6G		
Cache Memory	Default DDR4 16GB (8GB x 2) Upgradable to 32GB (16GB x 2) or 64GB (16GB x 4) Note: 32GB memory and above is recommended when surveillance application is used.					
PCI-Express Slot	PCI-e 3.0 x 8, 1 slot (low-profile) PCI-e 3.0 x 4, 1 slot (low-profile)					
Onboard Host Interface	1GbE ports (RJ-45) x 4					
Rear I/O Port	•USB 2.0 x 2	•USB 3.0 x 2	•VGA x 1	•HDMI 1.4 x 2	•Microphone in x 1	•Speaker out x1
Drive Interface	•Service port x 1 (mini USB connector – RS232 interface)					
Supported Drives	12Gb/s SAS					
System Drive	3.5" 7,200 RPM NL-SAS/SATA HDD 12Gb/s SAS Support two 2.5" SATA HDD or SSD (optional) •Install one SATA HDD or SSD with NRAID •Install two SATA HDD or SSD with RAID1					
Max. Drives Number	436					
Management Tools	SANWatch					
Support RAID	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60					
OS Support	Windows Server 2019/2016, Windows 10 Enterprise, CentOS, Ubuntu Linux, Red Hat Enterprise Linux Note: For OS version support, please refer to the compatibility matrix					
Onboard SAS expansion ports	12Gb/s SAS wide ports x 1					
Expansion Enclosure (JBOD)	JB 312, JB 316, JB 360L					
Power Supply Unit	Hot-swappable, Dual Redundant, 460W (80 PLUS Bronze)					
Enclosure Dimensions (W x H x D)	2U 19-inch rackmount with chassis ears: 447.40 x 88 x 524.41 mm 3U 19-inch rackmount with chassis ears: 447.40 x 130 x 524.2 mm					

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