



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.

PHYSICAL SPECIFICATIONS

Product Series		EV 5000 Gen2	
Form Factor	2U 12-bay	EV 5012 G2	EV 5012 G2L
	3U 16-bay	EV 5016 G2	EV 5016 G2L
Controller	Single		
CPU	• Intel® Core™ i3-8100 4-Core 3.6GHz • Intel® Xeon® E-2276G 6-Core 3.8GHz • Intel® Xeon® E-2226GE 6-Core 3.4GHz • Intel® Xeon® E-2278GE 8-Core 3.3GHz		
Cache Memory	• Intel® Core™ i3-8100: Default DDR4 16GB, up to 64GB • Others: Default DDR4 16GB, up to 128GB		
Supported Drives	3.5" 12Gb/s NL-SAS/SATA 7,200 RPM		
	Note: For the latest Compatibility Guide, refer to our official website.		
System Drive	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		
Onboard 1GbE ports (RJ-45)	4		
Onboard SAS expansion ports	1		
Rear I/O Port	• mini USB x 1 • 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		
Expansion Enclosure (JBOD)	JB 312, JB 316, JB 360L, JB 390		
Dimensions (Without Chassis Ears) (W x H x D)	• 2U 12-bay: 447.4 x 88 x 524.41 mm • 3U 16-bay: 447.4 x 130 x 524.2 mm		
Power Supplies	Hot-swappable, Dual Redundant, 460W (80 PLUS Bronze)		

SOFTWARE SPECIFICATIONS

Management	SANWatch
Support RAID	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60
Supported OS	Microsoft Windows Server, Red Hat Enterprise Linux, CentOS, Ubuntu Linux
Note: For supported OS versions, please refer to the Compatibility Guide.	

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