Infortrend®

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 •Service port x 1 (mini USB connector – RS232 interface)	
Drive Interface		12Gb/s SAS	
Supported Drives		3.5" 7,200 RPM NL-SAS/SATA HDD 12Gb/s SAS	
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	
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	