



# 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 360, EonServ 5000 Gen2 can support maximum 316\*SATA/NL-SAS HDD, more than 4PB capacity for the purpose of long-term camera data retention period.



### Data Protection

Protected by Infotrend 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 5000Gen2 from one central interface.

Model	EV5012G2 EV5016G2	EV5012G2L EV5016G2L
Form Factor	2U 12-bay / 3U 16-bay	
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 (2 x 8GB) Upgradable to 32GB(2 x 16GB) or 64GB (4 x 16GB) <b>Note:</b> 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	<ul style="list-style-type: none"> <li>• USB 2.0 x 2</li> <li>• USB 3.0 x 2</li> <li>• VGA x 1</li> <li>• Service port x 1 (mini USB connector – RS232 interface)</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI 1.4 x 2</li> <li>• Microphone in x 1</li> <li>• Speaker out x 1</li> </ul>
Drive Interface	12Gb/s SAS	
Supported Drives	3.5" 7,200 RPM NL-SAS or SATA HDD	

Model	EV5012G2 EV5016G2	EV5012G2L EV5016G2L
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	316	
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, Linux Ubuntu 18.04	
Onboard SAS expansion ports	12Gb/s SAS wide ports x 1	
Expansion Enclosure (JBOD)	JB312, JB316, JB360L	
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 88.00 x 524.41mm	3U 19-inch rackmount with chassis ears: 447.40 x 130.00 x 524.20mm

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