

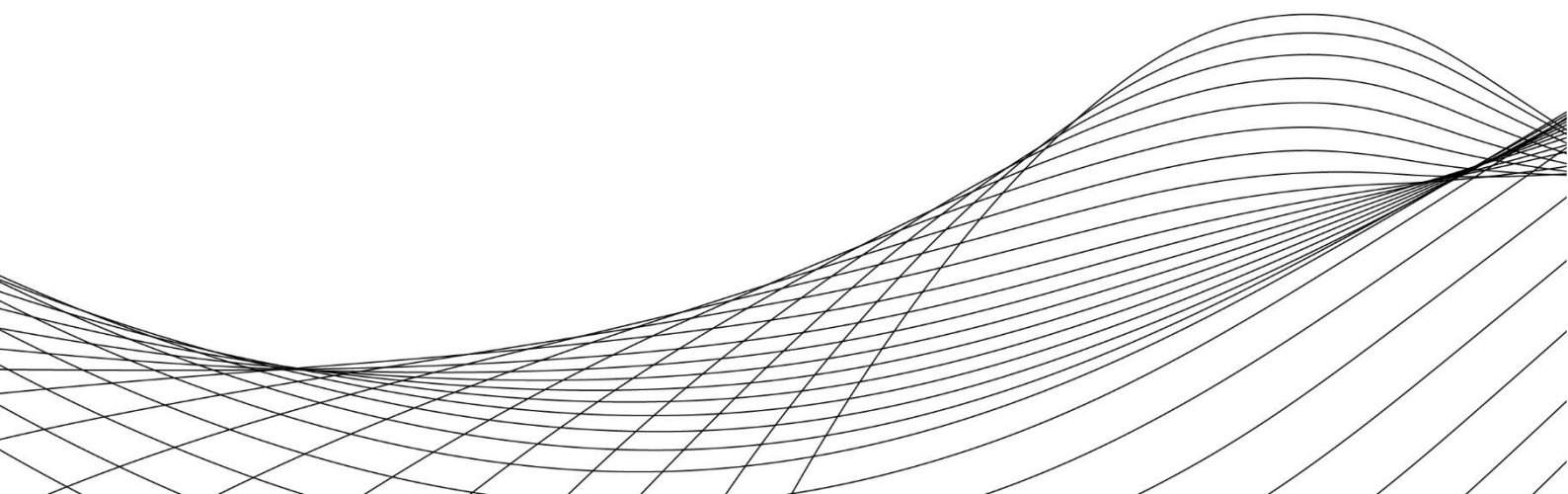


16 Sata Management and Storage Server

PLC-MS616E-E

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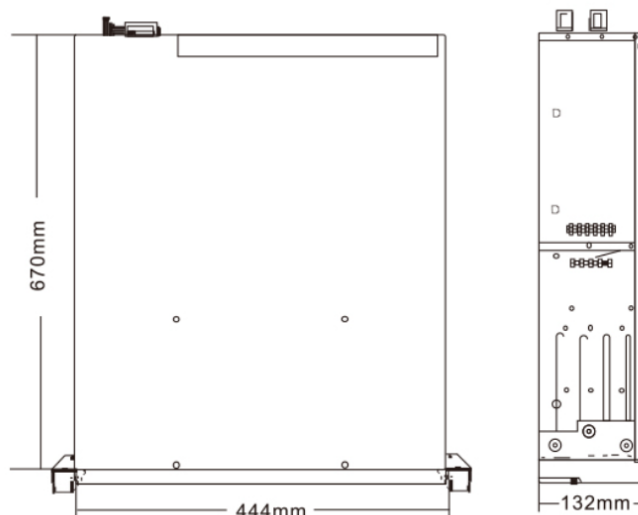


Key Features:

- 🔪 Intel® Core™ i3 Processor for reliable enterprise performance
- 🔪 Linux OS – stable, secure, and optimized for 24/7 operation
- 🔪 8GB DDR4 ECC Memory (expandable up to 64GB)
- 🔪 Massive Storage Support – 16× 3.5” hot-swappable HDDs + 2× 2.5” SATA
- 🔪 Up to 256TB Storage Capacity (max 16TB per HDD)
- 🔪 Hardware RAID Support – RAID 0 / 1 / 5 / 6
- 🔪 Independent HDD Brackets for easy maintenance
- 🔪 High Network Performance – up to 700 Mbps recording & incoming bandwidth
- 🔪 Dual Gigabit NICs with Failover & Load Balancing
- 🔪 Advanced IPMI Management with iKVM support
- 🔪 Supports up to 2048 Channels (expandable to 10,000)
- 🔪 500 Device Access (expandable with authorization)
- 🔪 Simultaneous Preview up to 100 Channels (per user)
- 🔪 Simultaneous Playback up to 16 Channels
- 🔪 128-Channel Decoding Output Capability
- 🔪 Powerful Search Engine – second-level accurate video indexing
- 🔪 Web-Based Management with seamless PVMS Plus integration
- 🔪 TPM Security Support for enhanced data protection
- 🔪 Redundant 550W Power Supply (1+1) for high availability
- 🔪 Industrial-Grade Reliability with low noise operation (<50 dBA)



Dimensions:



Specifications:

Model	PLC-MS616E-E
CPU	Intel Core Processor I3
OS	Linux
Memory	8GB DDR4 ECC, up to 64GB DDR4 ECC memory
HDD	3.5 inch SATA x 16 (hot-pluggable); built-in 2.5 inch SATA x 2
HDD Installation	Independent HDD bracket
Capacity	Up to 256TB (max. 16T per HDD)
RAID	Hardware RAID; support RAID 0, 1, 5, 6
Expansion	1*PCI-E3.0x16(x8); 1*PCI-E3.0x8; 1*PCE-E3.0x8(x4)
Network Card	Integrated I210-AT dual gigabit network cards, load balancing and if one is offline, the other will replace
IPMI	ASPEED AST2400 BMC, independent IPMI interface; support iKVM
Protocol	Support TCP / UDP / RTSP protocol
Search	Built-in index, accurate to second-level
Performance	Up to 700Mbps incoming, 700Mbps recording and 96Mbps playback Up to 700Mbps incoming, 700Mbps recording and 96Mbps live view
Way of Management	WEB management, seamless access to PVMS Plus
Capability of Management	RAID management, record management, system log as well as alarm processing
Max. Number of Channel Access	2048 CH (extensible to 10000CH via the transfer server)
Max. Number of Device Access	500 devices (extensible to 10000CH after it is authorized)
Max. Number of Channel Access of Single Transfer Service	2048CH
Max. Number of Device Access of Single Transfer Service	300 DVRs/NVRs or 500 IPCs
Max. Decoding Output Number	128CH
Max. Number of Transfer Server Access	32
Max. Number of Storage Server Access	32
Max. Number of Channel Access of Third-party protocol	16 (extensible to 10000CH after it is authorized)
Max. Number of Device Access of Third-party protocol	4 (extensible to 10000CH after it is authorized)
Max. Channel Number of Simultaneous Preview	100 (for one client/user)
Max. Channel Number of Simultaneous Playback	16 (for one client/user)
Max. Number of Views	Up to 64 view plans can be created
Max. User Access	Max. 64 users (extensible to 1024 users access after it is authorized)

Max. Online Users	64 users preview simultaneously
Security	Supply TPM interface; TPM module installation supported
Interface	1× VGA, 6× USB(4 in the real panel and 2 in the front panel), 2× RJ 45, 1× IPMI, 1× RS 232
Power Supply	550W 1+1 redundant power supply, 100~240V-7~3.4A /50~60Hz
Temperature	Working: 10°C to 35°C; standby: -40°C~+55°C(ambient)
Relative Humidity	Working: < 90% RH(35°C)
Noise	Working: < 50DbA
ESD	Each item conforms to Intel ambient temperature test standard 15KV