Enterprise Level

POWERPLUS

Salient's PowerPlus is a 2U rack-mount NVR offering an excellent balance between processing power, storage capacity, redundancy for high performance and a flexible platform for video surveillance applications. The PowerPlus incorporates a RAID for its operating system. Power-built for the rigors of continuous duty operation using advanced components, the 2U rack-mountable PowerPlus NVR delivers the reliability and processing power required for mission critical video surveillance.

Lower overall system-level power draw is the result of breakthrough system design. The PowerPlus NVR maximizes performance per watt through a combination of power and cooling, and energy efficient technologies and tools.

FEATURES

Record, live view, playback, archive video
Front access with locking bezel for hot swap
Rack mount 2U form factor
Front access with locking bezel for hotswap

SALIENT

POWERPLUS

SYSTEM SPECS

Operating System	Windows Server 2019 Standard Embedded
Processor	Single Intel Xeon
Memory	32GB
Network	Quad 1Gbe NICs
Hard Drive (OS)	2 - 1TB in RAID 1 configuration
Hard Drive (Video Storage)	Up to 60TB
RAID Controller	Yes
RAID Level of Storage	5 or 6 (When supporting RAID 6, one PCIe slot will be consumed)
# of Hot Spares Supported	1

Graphics Adapter	Integrated
Max Resolution	1920x1200
Video Display Ports	1 VGA (front), 1 VGA (rear)
USB Ports	2 USB 2.0 (front), 1 USB 3.0 (front), 2 USB 3.0 (rear)
Other Ports	1 serial port (rear)
PCIe Slots	1x FHFL x16, 1x FHFL x8, 1x FHHL x8, 1x LPHL x8
Optical Drive	Optional external USB attached DVD-RW
Accessories	Keyboard, mouse & rail kit included
TPM Support	Yes
Life Cycle Controller	IDRAC 9
Life Cycle Controller Software	ACIA - iDRAC Enterprise software license for PowerUltra or PowerPlus with iDRAC V9
DAS Support	Yes - PERC RAID controller required. Part number ACDB. Requires 1 PCI-E slot

CHASSIS FEATURES

Form Factor	2RU Rackmount
Height	3.42 inches (86.8 mm)
Width	18.98 inches (482.0 mm)
Depth	28.17 inches (715.5 mm)
Weight	63.05 lbs (28.6kg)

WARRANTY

3 and 5 year (basic, NBD, or 4HR)

OPERATING ENVIRONMENT

Operating Temp.	50°F – 95°F (10°C – 35°C)
Power Supply	Dual 1100W - 100 to 240VAC auto ranging and redundant
Relative Humidity	
Operating:	10% - 80% non-condensing Max dew point 84.2°F
Storage:	5% - 95% non-condensing Max dew point 91°F
BTU	4100 BTU/hr

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