

Enterprise Level

# POWERULTRA

Salient's PowerUltra is a 2U rack-mount NVR designed to handle complex video surveillance requirements utilizing highly scalable and extended storage options, superior I/O throughput, and robust processing capability, making it ideally suited for intensive digital video processing. Tailor your enterprise video requirements with the PowerUltra's offering of high performance CPU power, 48GB memory, hot-swappable hard drives and dual redundant hot-plug power supplies.

The lower overall system-level power draw is the result of breakthrough system design. The PowerUltra 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
- Hybrid NVR for analog (max 64 channels) and IP cameras
- Rack mount 2U form factor
- Front access with locking bezel for hotswap



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## SYSTEM SPECS

Operating System	Windows Server 2016 Standard Embedded
Processor	Intel Xeon
Memory	48GB
Network	Quad 1Gbe NICs
Hybrid Capable	Up to 64 direct connected analog cameras. Requires 2 PCI-e slots for up to 64 channels
IP Camera Support	Yes
Hard Drive (OS)	2 - 250GB SSD in RAID 1 configuration
Hard Drive (Video Storage)	Up to 132TB
RAID Controller	Yes
RAID Level of Storage	5 or 6
# of Hot Spares Supported	1 or 2

Graphics Adapter	Integrated
Max Resolution	1920x1200
Video Display Ports	1 VGA (front), 1 VGA (rear)
USB Ports	2 USB 2.0 (front), 2 USB 3.0 (rear)
Other Ports	1 serial port (rear)
PCIe Slots	2x FHFL x8, 1x FHHL, 1x LPHL
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 750W - 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	2891 BTU/hr

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