IRON LINK
POWERED BY VELASEA

IL-NVPP SERIES

IRON LINK® 2U RACKMOUNT 28-BAY PREMIUM PLUS NVR

PRODUCT OVERVIEW

The IL-NVPP is a purpose-built NVR appliance compatible with Avigilon® video management software featuring preconfigured storage set to RAID 60. Each unit comes preloaded with the VMS on Windows® Server 2022 Standard, as well as an NVIDIA® RTX A1000 GPU for enhanced analytics features. Every IRON LINK® system ships with standard features like iDRAC Enterprise, redundant power supplies, and 5-year NBD on-site support with Keep Your Hard Drive. Optional 5-year, 4-hour mission critical support is also available for a nominal fee.

KEY FEATURES

- Up to 520TB of Raw Storage
- Intel® Xeon® Scalable Processors
- Enterprise Class SAS Drives
- Dedicated Hardware RAID Controller
- Redundant Power Supply
- 5-Year ProSupport NBD On-Site with KYHD







Images displayed are for general reference only and may differ based on build. Product specifications are provided for informational purposes only, and are subject to change, correction, or revision without notice. It is the customer's responsibility to validate product specifications prior to purchase or installation, and to ensure that those specifications are suitable for a particular use. Please refer to velasea.com or contact your sales representative for the latest IRON LINK® products, specs, and upcoming releases. Intel®, Core™, Xeon®, and the Intel® logo are trademarks of Intel Corporation. Microsoft® and Windows® are trademarks of Microsoft Corporation. NVIDIA® and the NVIDIA® logo are trademarks of NVIDIA Corporation. Avigilon® is a trademark of Motorola Solutions Corporation.

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SYSTEM

Operating System:
Windows® Server 2022 Standard

Supported CPU:
(2) Intel® Xeon® Scalable

Memory Configuration:
128GB (8x 16GB) RDIMM

Embedded Networking:
(2) RJ45 1GbE Ports

Expanded Networking:
(4) RJ45 1GbE Ports (PCIe LP)
(4) 10/25GbE SFP28 Ports (OCP)

GPU Support:
(1) NVIDIA® RTX A1000 8GB

Onboard Management:
iDRAC Enterprise

Security Module:
Trusted Platform Module (TPM) 2.0

MECHANICAL

Form Factor:
2U Rackmount

Power Supply:
(2) 1400W 100-240VAC Platinum Hot-Swap

Environmental:
Operating Temperature:
50°F ~ 95°F (10°C ~ 35°C)

Non-Operating Temperature: -40°F – 149°F (-40°C – 65°C)

Operating Rel. Humidity:
10% – 85% (non-condensing)

Non-Operating Rel. Humidity: 10% – 90% (non-condensing)

Dimensions (WxDxH):
18.97” x 32.95” x 3.41”
(482 mm x 837 mm x 86.8 mm)

Weight:
102 lb (46.3kg)

Warranty:
5-Year ProSupport NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:
(28) Hot-Swap 3.5” SAS

M.2 Slots:
(2) 480GB M.2 SSD (RAID 1)

RAID Controller:
PERC H755 8GB

I/O Ports:
FRONT:
(1) USB 2.0

REAR:
(1) USB 3.0
(1) USB 2.0

Video Outputs:
(1) VGA Port

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