IRON LINK
POWERED BY VELASEA

IL-R208P SERIES

IRON LINK® PROFESSIONAL 2U RACKMOUNT 8-BAY NETWORK VIDEO RECORDING SERVER

PRODUCT OVERVIEW

The Iron Link® R208P is a high-capacity 2U rackmount network video recording server built for demanding surveillance environments requiring increased storage density and reliability. Powered by Intel® Core™ Ultra processors, the platform supports up to 256GB of ECC DDR5 memory and 256TB of raw storage, enabling scalable performance for large VMS deployments and high camera-count installations. With enterprise-class SATA drives, dedicated hardware RAID, redundant hot-swap power supplies, and integrated remote management, the IL-R208P delivers the resilience and manageability required for mission-critical security infrastructure and backed by Velasea's 5-year next-business-day on-site support.

KEY FEATURES

- Up to 256TB of Raw Storage
- Enterprise Class SATA Drives
- Intel® Core™ Ultra
- Dedicated Hardware RAID Controller
- Redundant Power Supply
- 5-Year 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. Ubuntu® and the Ubuntu® logo are trademarks of Canonical Corporation. The Canopy logo is a trademark of Banyan Hills Technologies.

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SYSTEM

Operating System:
Windows® 11 Pro
Windows® 10/11 IoT Enterprise
Windows® Server IoT 2022/2025 Std.
Ubuntu® Linux 20/22.04

Supported CPU:
(1) Intel® Core™ Ultra

Memory Configuration:
(4) UDIMM Slots
Up to 256GB DDR5 288-pin ECC

Embedded Networking:
(2) 1GbE RJ45

Expansion Slots:
(1) PCIe 5.0 x16
(1) PCIe 5.0 x4 (RAID Card)

Onboard Management:
Dedicated IPMI

Security Module:
Trusted Platform Module (TPM) 2.0

MECHANICAL

Form Factor:
2U Rackmount

Power Supply:
(2) 800W 100-240V AC
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:
20% – 80% (non-condensing)

Non-Operating Rel. Humidity:
5% – 95% (non-condensing)

Dimensions (WxDxH):
17.6" x 26" x 3.40"
(448 mm x 660 mm x 87.5 mm)

Weight:
40 lb (18 kg)

Warranty:
5-Year NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:
(8) Hot-Swap 3.5" SATA
(2) Hot-Swap 2.5" SATA

M.2 Expansion:
(2) M.2 2280 (PCIe4.0 x4)

Supported Software RAID Levels:
OS SSD drives: 0, 1
Data drives: 0,1,5,6,10

RAID Controller:
LSI MegaRAID SAS 9560-8i
(4GB Cache)

I/O Ports:
FRONT:
(2) USB 3.0

REAR:
(2) Type-A (USB3.2 Gen1)
(1) RS232
(1) RJ45 IPMI

Video Outputs:
(1) VGA Port
(1) HDMI
(1) Display Port

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