IRON LINK®
POWERED BY VELASEA

IL-R212 SERIES

IRONLINK® 2U RACKMOUNT 12-BAY ENTERPRISE NETWORK VIDEO RECORDING SERVER

PRODUCT OVERVIEW

The IL-R212 is powered by the Intel® Xeon® Scalable processor for fast and stable performance. These servers feature up to 1TB of RAM and support for 288TB of HDD storage – all wrapped up in a 2U rackmount chassis.

intel®   NVIDIA   DELL   Microsoft

KEY FEATURES

Up to 288TB of Raw Storage

Enterprise Class SAS Drives

Intel® Xeon® Scalable Processor

Dedicated Hardware RAID Controller

Redundant Power Supply

5-Year ProSupport NBD On-Site with KYHD

IL-R212 SERIES

SYSTEM

Operating System:
Windows® 10/11 IoT Enterprise
Windows® Server 2019/2022 Standard
Ubuntu® Linux 20/22.04

Supported CPU:
Up to (2) Intel® Xeon® Scalable

Memory Configuration:
(16) RDIMM Slots
Up to 1TB DDR5 ECC

Embedded Networking:
(2) RJ45 1GbE Ports

Expanded Networking:
(4) RJ45 1GbE Ports (OCP)
Dual CPU: (2) 10/25GbE SFP28

Expansion Slots:
Single CPU:
(1) PCIe 4.0 x16 LP
(1) PCIe 4.0 x8 LP
(2) PCIe 5.0 x8 LP
Dual CPU:
(2) PCIe 5.0 x16 LP
(3) PCIe 4.0 x16 LP
(2) PCIe 4.0 x8 LP

GPU Support:
(1) Single Wide LP/HL

Onboard Management:
iDRAC Enterprise

SYSTEM (CONT.)

Security Module:
Trusted Platform Module (TPM) 2.0

MECHANICAL

Form Factor:
2U Rackmount

Power Supply:
(2) 800W 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 27" x 3.41"
(482 mm x 686 mm x 86.8 mm)

Weight:
70 lb (33.1 kg)

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

STORAGE + I/O

Drive Bays:
(12) Hot-Swap 3.5" SAS

M.2 Slots:
(2) M.2 SSD BOSS slots

Supported RAID Levels:
OS M.2 SSD drives: 0, 1
Data drives: 0, 1, 5, 6, 10

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 Front
(1) VGA Port Rear