

# 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.



### 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



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## 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 100-240V 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:  
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