

IL-R208AI SERIES

IRONLINK® 2U RACKMOUNT 8-BAY AI-READY SERVER

PRODUCT OVERVIEW

The IL-R208AI is a powerful 2U rackmount server designed for AI applications. Powered by Intel® Xeon® Scalable processors, it boasts up to 2TB of RAM and 192TB of HDD storage. Its flexible GPU slots accommodate up to 3 single wide or 2 double wide GPUs, making it ideal for demanding AI workloads like machine learning, deep learning, and inference. With its processing-first architecture and compact design, the IL-R208AI is the perfect choice for organizations seeking high-performance AI capabilities in a space-efficient package.



KEY FEATURES



Up to 192TB of Raw Storage



Enterprise Class SAS Drives



Intel® Xeon® Scalable Processors



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 2TB DDR5 ECC

Embedded Networking:

(2) RJ45 1GbE Ports

Expanded Networking:

(4) 10/25GbE SFP28 (OCP)

Expansion Slots:

(2) PCIe 5.0 x16 FH/FL
(1) PCIe 4.0 x16 FH/FL
(2) PCIe 4.0 x16 FH/HL
(2) PCIe 4.0 x8 LP/HL

GPU Support:

(3) Single Wide FH/FL
– OR –
(2) Double Wide FH/FL

Onboard Management:

iDRAC Enterprise

Security Module:

Trusted Platform Module 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 27" x 3.41"
(482 mm x 686 mm x 86.8 mm)

Weight:

56 lb (25.40 kg)

Warranty:

5-Year ProSupport Plus
NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:

(8) Hot-Swap 3.5" SAS

M.2 Slots:

(2) M.2 SSD 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