IRON **LINK**
POWERED BY VELASEA

IL-R108 SERIES

IRONLINK® 1U RACKMOUNT 8-BAY MULTIPURPOSE SERVER

PRODUCT OVERVIEW

The IL-R108 is powered by the Intel® Xeon® Scalable processor for fast and stable performance. These servers offer support for up to 1TB of RAM and are ideally suited for database, management, and SAN storage head end server workloads – all wrapped up in a compact 1U rackmount chassis.

intel.

KEY FEATURES

- Small Form Factor Hard Drive Bays

- Intel® Xeon® Scalable Processors

- Redundant OS Drives

- Windows® + Ubuntu® OS Options

- Redundant Power Supply

- 5-Year ProSupport NBD On-Site with KYHD

20250618.6

SPEC SHEET

IL-R108 SERIES

IRONLINK® 1U RACKMOUNT 8-BAY MULTIPURPOSE SERVER

SYSTEM

Operating System:
Windows® Server -
2019/2022 Standard
Ubuntu® Linux 20/22.04

Supported CPU:
(2) Intel® Xeon® Scalable

Memory Configuration:
(16) RDIMM Slots
Up to 1TB DDR4 ECC

Embedded Networking:
(2) RJ45 1GbE Ports

Expanded Networking:
(2) 10/25GbE SFP28 Ports
(OCP)

Expansion Slots:
(1) PCIe 4.0 x16
(x16 Connector) LP/HL
(2) PCIe 4.0 x8
(x8 Connector) LP/HL

GPU Support:
(1) Single Wide LP/HL

Onboard Management:
iDRAC Enterprise

Security Module:
Trusted Platform Module
(TPM) 2.0

MECHANICAL

Form Factor:
1U 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):
17.08" x 26.03" x 1.69"
(433.8 mm x 661.37 mm x 42.8 mm)

Weight:
40.23 lb (18.25 kg)

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

STORAGE + PORTS

Drive Bays:
(8) Hot-Swap 2.5" SATA/SAS

M.2 Slots:
N/A

Supported RAID Levels:
OS 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