

IL-R104 SERIES






IRONLINK® 1U RACKMOUNT 4-BAY ENTERPRISE NETWORK VIDEO RECORDING SERVER

PRODUCT OVERVIEW

The IL-R104 server is powered by an Intel® Xeon® E processor, offering essential enterprise-grade performance, expandability, and reliability. This server supports up to 128GB of RAM and 96TB of HDD storage, all packed into a 1U rackmount chassis.



KEY FEATURES

-  Up to 96TB of Raw Storage
-  Enterprise Class SAS Drives
-  Intel® Xeon® E Processor
-  Dedicated Hardware RAID Controller
-  Windows® 10/11 IoT Enterprise
-  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:

(1) Intel® Xeon® E

Memory Configuration:

(4) UDIMM Slots
 Up to 128GB DDR5
 ECC/Non-ECC

Embedded Networking:

(2) RJ45 1GbE Ports

Expansion Slots:

(1) PCIe 4.0 x8
 (x16 Connector) LP/HL
 (1) 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) 600W 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):

17.08" x 20.18" x 1.69"
 (434 mm x 513 mm x 43 mm)

Weight:

30 lb (13.61 kg)

Warranty:

5-Year ProSupport NBD
 On-Site with KYHD

STORAGE + PORTS

Drive Bays:

(4) 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 3.2

(1) USB 2.0

Video Outputs:

(1) VGA Port