

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 80TB of HDD storage, all packed into a 1U rackmount chassis.



KEY FEATURES

-  Up to 80TB 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



IL-R104 SERIES

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

SYSTEM

Operating System:

Windows 10/11 IoT Enterprise
Ubuntu Linux 20/22.04

Supported CPU:

Intel® Xeon® E Processor

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) Dual Redundant 350W 100-240VAC Platinum Hot-Swap

Environmental:

Operating Temperature:
10°C ~35°C (50°F ~ 95°F)

Non-Operating Temperature:
-40°C to 65°C (-40°F to 149°F)

Operating Relative Humidity:
8% to 80% (non-condensing)

Non-Operating Relative Humidity:
5% to 95% (non-condensing)

Dimensions (WxDxH):

17.08" (434 mm) x 21.04" (535 mm) x 1.69" (43 mm)

Packaging: 27" x 24" x 8"

Weight:

30 lbs (13.61 kg)

Warranty:

5-Year ProSupport NBD On-Site with KYHD

STORAGE

Drive Bays:

(4) Hot-Swap 3.5" SAS drive bays

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