IL-R228 SERIES

IRONLINK® 2U RACKMOUNT 28-BAY ENTERPRISE NETWORK VIDEO RECORDING SERVER

PRODUCT OVERVIEW

The IL-R228 is optimized for demanding network video surveillance applications and powered by the Intel® Xeon® Scalable processor to provide the fast and stable performance you need. These servers support up to 1.5TB of RAM and 672TB of HDD storage – all in a 2U rackmount chassis.

KEY FEATURES

Up to 672TB of Storage

Intel® Xeon® Scalable Processors

Enterprise Class SAS Drives

Dedicated Hardware RAID Controller

Redundant Power Supply

5-Year ProSupport NBD On-Site with KYHD

IRON LINK®

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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 1.5TB DDR5 ECC

Embedded Networking:
(2) RJ45 1GbE Ports

Expanded Networking:
(4)RJ45 1GbE Ports (PCIe LP)
(4)10/25GbE SFP28 Ports(OCP)

Expansion Slots:
(3) PCIe 4.0 x16
(x16 Connector) LP/HL
(1) PCIe 4.0 x4
(x8 Connector) LP/HL

GPU Support:
(1) Single Wide LP/HL

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 32.95" x 3.41"
(482 mm x 837 mm x 86.8 mm)

Weight:
102 lb (46.3 kg)

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

STORAGE + PORTS

Drive Bays:
(28) 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