IRON LINK
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IL-DBMG-PRM SERIES

IRONLINK® 1U RACKMOUNT 8-BAY PREMIUM MANAGEMENT SERVER

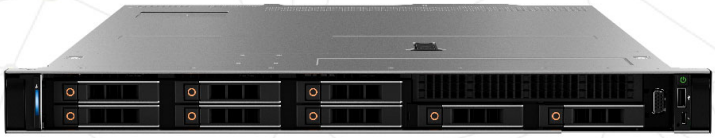
PRODUCT OVERVIEW

The IL-DBMG-PRM is a purpose-built appliance specifically intended to support large-scale projects with 1,200 to 2,500 total cameras.

Each unit comes preloaded with Windows® Server 2022 Standard and SQL Server 2019 Standard, as well as a pair of 960GB mixed use SSDs dedicated to the SQL database, and a pair of 480GB mixed use SSDs dedicated to the transaction database. Quad 10/25G SFP28 ports are also included for high throughput network connectivity.

KEY FEATURES

- Small Form Factor Hard Drive Bays
- Intel® Xeon® Scalable Processors
- Redundant OS Drives
- Redundant Power Supply
- 5-Year ProSupport NBD On-Site with KYHD



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SYSTEM

Operating System:
Windows® Server IoT 2022 Standard

Supported CPU:
(2) Intel® Xeon® 4410Y 2GHz 12-core Processor

Memory Configuration:
64GB (4x 16GB) UDIMM

Embedded Networking:
(2) RJ45 1GbE Ports

Expanded Networking:
(4) 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 100-240V 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 26.03” x 1.69”
(434 mm x 661.37 mm x 42.8 mm)

Weight:
40.23 lb (18.25 kg)

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

STORAGE + PORTS

Drive Bays:
(2) 480GB RI SSD (OS RAID 1)
(2) 480GB MU SSD (Transactional DB RAID 1)
(2) 960GB MU SSD (SQL RAID 1)

M.2 Slots:
N/A

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

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