IRON LINK
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# IL-DBMG-PRMP SERIES

## IRON LINK® 1U RACKMOUNT 8-BAY PREMIUM PLUS MANAGEMENT

## PRODUCT OVERVIEW

The IL-DBMG-PRMP is a purpose-built appliance specifically intended to support large-scale projects with 2,500 to 5,000 total cameras.

Each unit comes preloaded with Windows® Server Standard and SQL Server Standard, as well as six 960GB mixed use SSDs dedicated to the SQL and 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








Images displayed are for general reference only and may differ based on build. Product specifications are provided for informational purposes only, and are subject to change, correction, or revision without notice. It is the customer's responsibility to validate product specifications prior to purchase or installation, and to ensure that those specifications are suitable for a particular use. Please refer to velasea.com or contact your sales representative for the latest IRON LINK® products, specs, and upcoming releases. Intel®, Core™, Xeon®, and the Intel® logo are trademarks of Intel Corporation. Microsoft® and Windows® are trademarks of Microsoft Corporation. Ubuntu® and the Ubuntu® logo are trademarks of Canonical Corporation.

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### SYSTEM

**Operating System:**
Windows® Server IoT Standard

**Supported CPU:**
(2) Intel® Xeon® Scalable

**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)
(6) 960GB MU SSD
(SQL/Transactional DB RAID 10)

**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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