

IL-LTWP SERIES

IRON LINK® PROFESSIONAL LARGE-TOWER GPU-READY WORKSTATION

PRODUCT OVERVIEW

The Iron Link® LTWP is a high-density, large tower GPU-Ready workstation designed for professional surveillance environments that require reliable performance. Powered by Intel® Core™ Ultra processors, the system supports up to 256GB of DDR5 memory and 256TB of enterprise-class storage, delivering the performance and capacity needed for modern VMS deployments. With dedicated hardware RAID and integrated remote management, the IL-LTWP provides the resilience and manageability expected in enterprise security infrastructure and backed by Velasea's 5-year next-business-day on-site support.

intel.



KEY FEATURES



Up to 256TB of Raw Storage



Large Form Factor Hard Drive Bays



Intel® Core™ Ultra Processor (U5/U7/U9)



GPU-Ready



5-Year NBD On-Site with KYHD



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SYSTEM

Operating System:

Windows® 11 Pro
Windows® 10/11 IoT Enterprise
Ubuntu® Linux 20/22.04

Supported CPU:

(1) Intel® Core™ Ultra (U5/7/9)

Memory Configuration:

(4) UDIMM Slots
Up to 256GB DDR5
288-pin ECC/non-ECC UDIMM

Embedded Networking:

(2) RJ45 2.5GbE Ports

Expansion Slots:

(2) PCIe 5.0 x16
(x8/x8 Fully Populated)
(1) PCIe 4.0 x16 (x4 For RAID)

Onboard Management:

Dedicated IPMI

GPU Support:

Up to
(2) Single Wide FH/FL
-OR-
(2) Double Wide FH/FL
(2x w/ No-RAID)

Security Module:

Trusted Platform Module (TPM)
2.0

MECHANICAL

Form Factor:

Mid Tower

Power Supply:

(1) 1300W Internal, 80 Plus
Platinum

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:
20% – 80% (non-condensing)

Non-Operating Rel. Humidity:
5% – 95% (non-condensing)

Dimensions (WxDxH):

7.9" x 22.1" x 16.9"
(200 mm x 560.2 mm x 430.1 mm)

Weight:

55.4 lb (25.13 kg)

Warranty:

5-Year NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:

(5) Internal Fixed 3.5" SATA

OPTIONAL:

(3) Hot-Swap 3.5" SATA
(2) Internal Fixed 2.5" OS SSD
SATA

M.2 Slots:

(4) M.2 2280 (PCIe4.0 x4)

I/O Ports:

FRONT:

(2) USB 3.0
(2) 3.5 mm Audio Jack

REAR:

(1) Thunderbolt™ 4 Type-C
(1) USB 3.2 Gen2x2 Type-C
(6) USB 3.2 Gen2 Type-A

Video Outputs:

(1) HDMI
(1) VGA