SPEC SHEET

IRON LINK
POWERED BY VELASEA

IL-STWP SERIES

IRON LINK® PROFESSIONAL SMALL TOWER GPU-READY WORKSTATION

PRODUCT OVERVIEW

The IRON LINK® STWP is a high-density, small 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 160TB of enterprise-class storage, delivering the performance and capacity needed for modern VMS deployments. With dedicated hardware RAID and integrated remote management, the IL-STWP provides the resilience and manageability expected in enterprise security infrastructure and backed by Velasea's 5-year next-business-day on-site support.

KEY FEATURES

- Up to 160TB 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

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. The Canopy logo is a trademark of Banyan Hills Technologies.

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SYSTEM

Operating System:
Windows® 11 Pro
Windows® 10/11 IoT Enterprise
Ubuntu® Linux

Supported CPU:
(1) Intel® Core™ Ultra (U5/7/9)

Memory Configuration:
(4) UDIMM Slots
Up to 256GB DDR5
288-pin ECC/Non-ECC

Embedded Networking:
(2) 10GbE RJ45 (Future Release)
(2) 1GbE RJ45

Expansion Slots:
(1) PCIe 5.0 x16
(1) PCIe 5.0 x4 (RAID Card)

Onboard Management:
Dedicated IPMI

GPU Support:
Up to
(1) Single Wide FH/FL
-OR-
(1) Double Wide HH/FL

Security Module:
Trusted Platform Module (TPM) 2.0

MECHANICAL

Form Factor:
Small Tower

Power Supply:
(1) 850W Internal, 80 Plus Gold

Environmental:
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):
6.7" x 14.1" x 13.8"
(170 mm x 360 mm x 350 mm)

Weight:
25.6 lb (11.61 kg)

Warranty:
5-Year NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:
(2) Internal Fixed 3.5" SATA

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

M.2 Slots:
(2) M.2 2280 (PCIe4.0 x4)

I/O Ports:
FRONT: (All Systems)
(2) USB 2.0
(1) USB 3.2
(1) USB 3.2, Type-C

REAR:
(2) Type-A (USB3.2 Gen1)
(1) RS232
(1) RJ45 IPMI

Video Outputs:
(1) VGA Port
(1) HDMI
(1) Display Port

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