IRON LINK
POWERED BY VELASEA

# IL-MTWD SERIES

## IRONLINK® MID-TOWER GPU-READY WORKSTATION

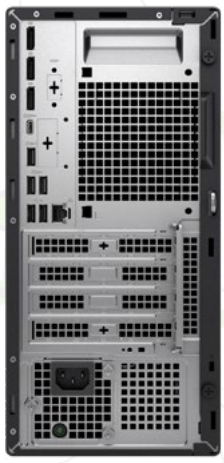
## PRODUCT OVERVIEW

The IL-MTWD is an entry-level recording server powered by a 14th Gen Intel® Core™ and Core™ Ultra processors for fast and stable performance. This robust machine offers the latest features, up to 128GB of RAM and 4TB of SSD storage, along with up to 72TB of HDD storage – all bundled into a compact tower chassis. This unit is our mainstream surveillance workstation and entry-level recording server. With optional advanced GPU cards for multi-monitor installations, the MTWD is our go-to system for demanding workloads.

## KEY FEATURES

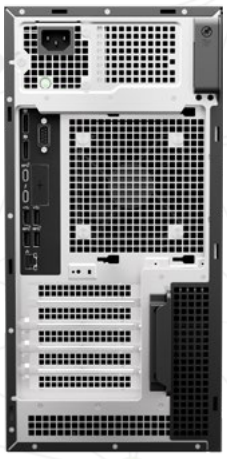
- Up to 72TB of Raw Storage
- Large Form Factor Hard Drive Bays
- 14th Gen Intel® Core™ Processor
- Intel® Core™ Ultra Processor
- GPU-Ready
- Windows® 10/11 IoT Enterprise
- 5-Year ProSupport Plus NBD On-Site with KYHD



Core™ i3



Core™ Ultra

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SPEC SHEET

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## IRONLINK® MID-TOWER GPU-READY WORKSTATION

## SYSTEM

**Operating System:**
Windows® 11 Pro
Windows® 10/11 IoT Enterprise
Ubuntu® Linux 20/22.04

**Supported CPU:**
(1) 14th Gen Intel® Core™ Processor (i3)
(1) Intel® Core™ Ultra Processor (U5/U7K/U9K)

**Memory Configuration:**
(2) UDIMM Slots
Up to 64GB DDR5 Non-ECC (i3)
-OR-
(4) UDIMM Slots
Up to 128GB DDR5 Non-ECC (Ultra)

**Embedded Networking:**
(2) RJ45 1GbE Port (i3)

(1) RJ45 1GbE Port, (1) RJ45 5GbE Port (Ultra)

**Expansion Slots:**
(1) PCIe 3.0 x16 FH (i3)
(2) PCIe 3.0 x1 FH (i3)
(1) PCIe 5.0 x16 FH (Ultra)
(1) PCIe 4.0 x4 FH (Ultra)
(2) PCIe 3.0 x4 FH (Ultra)

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

**Security Module:**
Trusted Platform Module (TPM) 2.0

## MECHANICAL

**Form Factor:**
Mid Tower

**Power Supply:**
(1) 360W Internal, 92% Efficient, 80 Plus Platinum (i3)

(1) 1500W Internal, 92% Efficient, 80 Plus Platinum (Ultra)

**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):**
6.06" x 11.54" x 12.77" (i3)
(154 mm x 293 mm x 324.3 mm)

7.40" x 17.24" x 15.24" (Ultra)
(187.7 mm x 438 mm x 387 mm)

**Weight:**
35.38 lb (16.05 kg)

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

## STORAGE + PORTS

**Drive Bays:**
(2) Internal Fixed 3.5" SATA (i3)
(3) Internal Fixed 3.5" SATA (Ultra)

**M.2 Slots:**
(1) M.2 slots (2230/2280) - All Systems
(1) M.2 slot (2230/2280) - Ultra Systems
(1) M.2 slot for Wi-Fi/Bluetooth Card (2230) - All Systems

**I/O Ports:**
FRONT:
(2) USB 3.2, (1) USB 3.2, (1) USB 3.2, Type-C (i3)
(2) USB 3.2, Type-C, (2) USB 3.2 (Ultra)
(1) 3.5 mm Audio Jack (All Systems)

REAR:
(2) USB 3.2, (2) USB 2.0 (i3)
(1) USB 3.2, Type-C, (2) USB 3.2,
(1) Thunderbolt 4 (USB-C), (2) USB 2.0 (Ultra)

**Video Outputs:**
(1) DisplayPort, (1) HDMI 2.1 (i3)
(2) DisplayPort, (1) HDMI 2.1 (Ultra)

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