

PXL-VM-WKS-P

Professional Video Management Workstation

| Product Overview

- The Professional Video Management Workstation is a compact yet powerful computing platform designed for video surveillance, command center operations, and security management applications. Powered by the Intel® Core™ Ultra 5 processor with a 14-core hybrid architecture, it delivers responsive performance for live video monitoring, system management, and multitasking workloads.

Featuring high-speed DDR5 memory, NVMe SSD storage, multiple display outputs, and flexible PCIe expansion, the workstation is built to support evolving security and enterprise requirements. Its compact Small Form Factor (SFF) design, energy-efficient power supply, and extensive connectivity make it an ideal platform for video management, access control, parking management, and command center environments.

| Key Features

- ✓ Intel® Core™ Ultra 5 Processor
- ✓ 14-Core Hybrid Processing Architecture
- ✓ 16 GB High-Speed DDR5 Memory
- ✓ 1 TB NVMe SSD Storage
- ✓ Supports Up To 128 GB RAM
- ✓ Multi-Display 4K/5K Output Support
- ✓ Flexible PCIe Expansion Capability
- ✓ Compact Small Form Factor Design



| TECHNICAL SPECIFICATION

PROCESSOR

CPU	Intel Core Ultra 5 235
CPU Cores	14 Cores (6 Performance Cores, 8 Efficient Cores)
CPU Threads	14 Threads
Maximum Turbo Frequency	Up to 5.0 GHz

MEMORY

Installed Memory	16 GB DDR5 (2 × 8 GB)
Supported Memory	8 GB / 16 GB / 32 GB DDR5
Memory Slots	4 × DDR5 DIMM Slots
Maximum Memory Capacity	Up to 128 GB

STORAGE

Primary Storage	1 TB M.2 NVMe SSD
Supported SSD Capacity	256 GB / 512 GB / 1 TB / 2 TB NVMe SSD
Supported HDD Capacity	2 TB 7200 RPM or 4 TB 5400 RPM SATA HDD
Storage Expansion	1 × 3.5" SATA HDD Slot

GRAPHICS

Graphics Processor	Integrated Graphics
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EXPANSION SLOTS

PCIe Slot 1	1 × Half-Height PCIe Gen4 x16
PCIe Slot 2	1 × Half-Height PCIe Gen3 x4
PCIe Slot 3	1 × Half-Height PCIe Gen3 x1

FRONT I/O PORTS

USB 2.0	2 × USB 2.0 Ports (1 with PowerShare)
USB 3.2 Gen 2	1 × USB 3.2 Gen 2 (10 Gbps)
USB-C	1 × USB 3.2 Gen 2x2 Type-C (20 Gbps)
Audio Port	1 × Universal Headset Jack

REAR I/O PORTS

USB 2.0	2 × USB 2.0 Ports with SmartPower On
USB 3.2 Gen 1	3 × USB 3.2 Gen 1 (5 Gbps)
USB-C	1 × USB 3.2 Gen 2 Type-C (10 Gbps)
HDMI	1 × HDMI 2.1 (Up to 5120 × 3200 @ 60 Hz)
DisplayPort	3 × DisplayPort 1.4a (Up to 5120 × 3200 @ 60 Hz)
Ethernet	1 × RJ45 Gigabit Ethernet Port

** Technical specifications and images are subject to changes*

| TECHNICAL SPECIFICATION

OPERATING SYSTEM

Supported OS	Windows 11 IoT
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GENERAL

Form Factor	Tower SFF
Power Supply	360 W Platinum
Dimensions	95 × 303.5 × 293 mm
Package Dimensions	396 × 267 × 494 mm
Net Weight	6.58 kg
Gross Weight	7.93 kg
Operating Temperature	5°C to +45°C
Storage Temperature	-40°C to +65°C
Operating Humidity	10% to 90% RH (Non-Condensing)
Storage Humidity	0% to 95% RH (Non-Condensing)

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