



Wavesys Recording Monitoring Appliances

IP-03 Series

The Power to do More

IP-03T-MNVVR3B4U-DT2

Wavesys Tower design appliances have the flexibility to be used as a Standalone Monitoring Station or as a cost effective 3 Bay Single Server as Recording and Monitoring station featuring outstanding performance, scalability, improved CPU cooling and built-in AI responsiveness.

Powered Features Intel® Core™ Ultra processors with a dedicated NPU , the machine is world's fastest workstation for single-threaded performance* with blistering power and unlimited Turbo duration

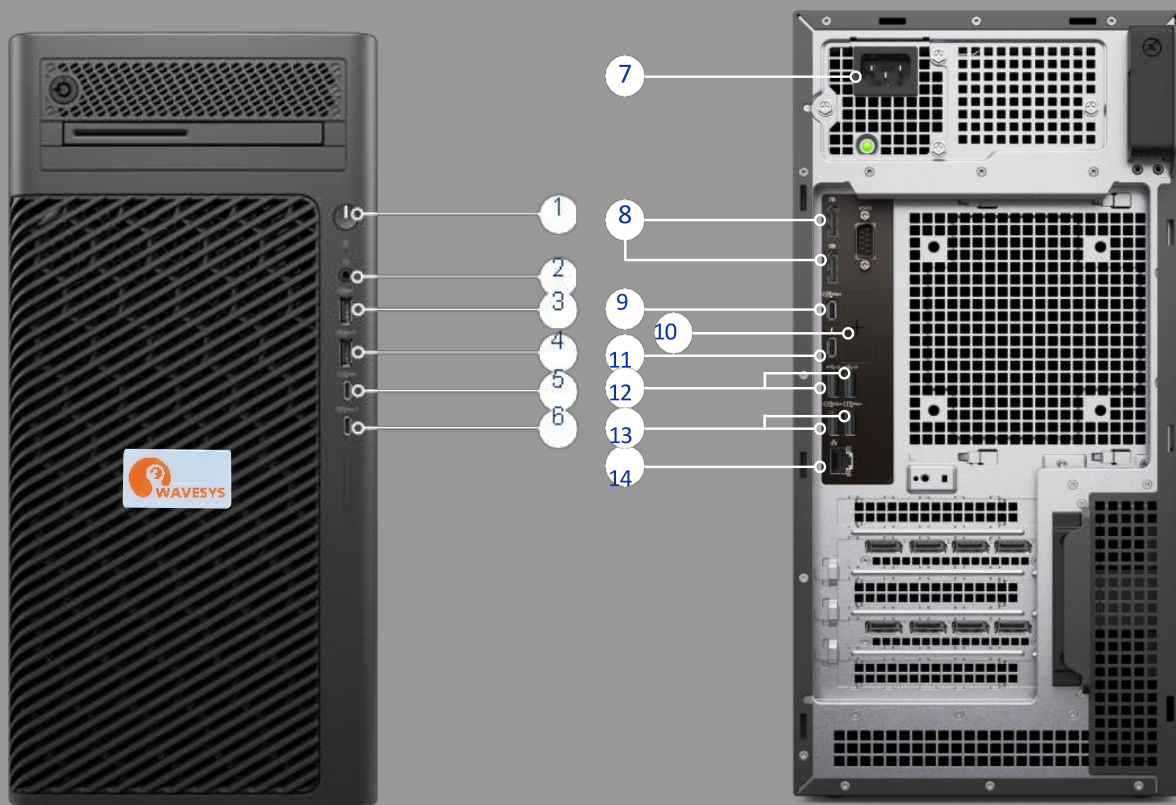
Accelerated performance with Next-level professional graphics support for up to 450 W professional graphics from NVIDIA or AMD .

Each Wavesys appliance unit is rigorously tested, can be customized to meet solution design, functionality and reliability, tested and certified by Wavesys global team for optimal performance, delivering ready to use appliance simplifying deployment and case resolution.

Enjoy peace of mind by opting for validated appliances preloaded with Wavesys Video Management Software WVMS, Wavesys Ai Analytics WVCA, Wavesys Facial Recognition Software WFRS and Wavesys LPR with easy activation licenses guaranteeing optimal fit, both now and down the road with software supporting native level integration with 15000+ devices

Resilient Architecture with reliable ECC memory technology, is EPEAT registered and MIL-STD tested for reliability

Support for 4K and 8K monitors with a wide variety of ports and slots Onsite Support with Standard 3 Year Warranty with extension upto 5 and 7 Years on special request and additional costs.



FEATURE	TECHNICAL SPECIFICATION
MODEL NUMBER	IP-03T-MNVR3B4U-DT2
PROCESSOR	Intel® Core™ Ultra 5 235 (24 MB cache, 14 cores, 14 threads, 3.4 GHz to 5.0 GHz, 65W) Intel® Core™ Ultra 5 245 (24 MB cache, 14 cores, 14 threads, 3.5 GHz to 5.1 GHz, 65W) Intel® Core™ Ultra 5 245K (24 MB cache, 14 cores, 14 threads, 4.2 GHz to 5.2 GHz, 125W) Intel® Core™ Ultra 7 265 (30 MB cache, 20 cores, 20 threads, 2.4 GHz to 5.3 GHz, 65W) Intel® Core™ Ultra 7 265K (30 MB cache, 20 cores, 20 threads, 3.9 GHz to 5.5 GHz, 125W) Intel® Core™ Ultra 9 285K (36 MB cache, 24 cores, 24 threads, 3.7 GHz to 5.7 GHz, 125W) Intel® Core™ Ultra 9 285 (36 MB cache, 24 cores, 24 threads, 2.5 GHz to 5.6 GHz, 65W)
OPERATING SYSTEM ¹	Windows 11 Home Windows 11 Pro Windows 11 Pro National Academic Windows 11 Enterprise Ubuntu® Linux® 24.04 LTS
MEMORY ^{1,2,3}	8 GB: 1 x 8 GB, DDR5, 5600 MT/s, Non-ECC 16 GB: 2 x 8 GB, DDR5, 5600 MT/s, Non-ECC 16 GB: 1 x 16 GB, DDR5, 5600 MT/s, Non-ECC 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, Non-ECC 32 GB: 4 x 8 GB, DDR5, 4800 MT/s, Non-ECC 64 GB: 2 x 32 GB, DDR5, 5600 MT/s, Non-ECC 64 GB: 4 x 16 GB, DDR5, 4800 MT/s, Non-ECC 128 GB: 4 x 32 GB, DDR5, 4400 MT/s, Non-ECC 16 GB: 1 x 16 GB, DDR5, 5600 MT/s, ECC 32 GB: 2 x 16 GB, DDR5, 5600 MT/s, ECC 64 GB: 2 x 32 GB, DDR5, 5600 MT/s, ECC 64 GB: 4 x 16 GB, DDR5, 4800 MT/s, ECC 128 GB: 4 x 32 GB, DDR5, 4400 MT/s, ECC
PRIMARY HARD DISK DRIVE ^{1,5}	Solid-state drives 256 GB, M.2 2230, PCIe NVMe Gen4, SSD, Class 35 512 GB, M.2 2280, PCIe NVMe Gen4 x4, SSD, Self-Encrypting Opal 2.0, Class 40 1 TB, M.2 2280, PCIe NVMe Gen4 x4, SSD, Self-Encrypting Opal 2.0, Class 40 2 TB, M.2 2280, PCIe NVMe Gen4 x4, SSD, Self-Encrypting Opal 2.0, Class 40 4 TB, M.2 2280, PCIe NVMe Gen4 x4, SSD, Self-Encrypting Opal 2.0, Class 40 1 TB, M.2 2280, PCIe NVMe Gen5 x4, SSD, Self-Encrypting, Opal 2.0, FIPS 2 TB, M.2 2280, PCIe NVMe Gen5 x4, SSD, Self-Encrypting, Opal 2.0, FIPS Hard drives 4 TB, 3.5-inch, 5400 RPM, SATA, HDD 1 TB, 3.5-inch, 7200 RPM, SATA, HDD 2 TB, 3.5-inch, 7200 RPM, SATA, HDD 4 TB, 3.5-inch, 7200 RPM, Enterprise HDD 8 TB, 3.5-inch, 7200 RPM, Enterprise HDD
VIDEO CARD	NVIDIA: NVIDIA® RTX™ A400, 4 GB GDDR6 NVIDIA® RTX™ A1000, 8 GB GDDR6 NVIDIA® RTX™ 2000 Ada, 16 GB GDDR6 NVIDIA® RTX™ 4000 Ada, 20 GB NVIDIA® RTX™ GDDR6 4500 Ada, 24 GB GDDR6 NVIDIA® RTX™ 5000 Ada, 32 GB GDDR6 NVIDIA® RTX™ 6000 Ada, 48 GB GDDR6 AMD: AMD Radeon™ Pro W7500, 8 GB GDDR6 AMD Radeon™ Pro W7600, 8 GB GDDR6
CASE COLOR	Standard Black

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MODEL NUMBER	IP-03T-MNVR3B4U-DT2
PRODUCTIVITY SW	Microsoft Office 30-day T rial Microsoft Office Home and Business 2021 Microsoft Office Professional 2021 Optimizer for Precision Premier Color Support Assist (Exaclibur) DDRE (Developed Recovery Environment) Intel WiFi Direct Support Center T eradici Soft Host (Cloud) and Client Validation (CAS+)
SECURITY SW	McAfee® Small Business Security 30-day T rial McAfee® Small Business Security 12- month Subscription McAfee® Small Business Security 36-month Subscription Security software per software functional plan/cycle list Data Protection Personal Edition (DDP EPE) or Encryption Personal (Future Name) Data Protection Enterprise Edition (DDP E EE) or Encryption Enterprise (Future Name) Data Protection External Media Edition (DDP E EME) or Encryption External Media (Future Name) Data Leakage Protection (DLP) or Data Guardian (new name) Data Protection Bitlocker Manager (DDP BLM) VMWare Airwatch Data Protection Endpoint Security Suite or Endpoint Security Suite Pro Data Protection Endpoint Security Suite Enterprise or Endpoint Security Suite Enterprise Mozy (Cloud Backup) Threat Defense RSA SecureID RSA NetWitness Endpoint Absolute Data and Device Security D-Pedigree (Secure Supply Chain Functionality) Microsoft Windows Bitlocker Manager Support for Encryption SED HDD's (Opal FIPS and non FIPS, SATA, PCIe) Support eDRIVE Storage including RAID Support UEFI-Preboot Authentication (PBA) solution for Windows 10 Local HDD data wipe via BIOS ("Secure Erase") BIOS Administrative Password BIOS Password BIOS HDD password option (default off) Windows 10 Device Guard and Credential Guard BIOS Data Port On/Off - Data Port disablement Intel Secure Boot (TXT + TPM) - Launch control policy Intel's Identity Protection (IPT) Intel Guard T echnologies & Secure Key Secure update of pre-boot password(s) via remote BIOS update
WARRANTY 8,9	1Y Basic Hardware Warranty Service with Onsite Service after Remote Diagnosis 2Y Basic Warranty Extension 3Y Basic Warranty Extension 4Y Basic Warranty Extension 5Y Basic Warranty Extension 1Y ProSupport with Next Business Day Onsite service 2Y ProSupport with Next Business Day Onsite service 3Y ProSupport with Next Business Day 4Y ProSupport with Next Onsite service Business Day Onsite service 5Y ProSupport with Next Business Day Onsite service

FEATURE	TECHNICAL SPECIFICATION
	1Y ProSupport Plus for Client with Next Business Day Onsite service 2Y ProSupport Plus for Client with Next Business Day Onsite service 3Y ProSupport Plus for Client with Next Business Day Onsite service 4Y ProSupport Plus for Client with Next Business Day Onsite service 5Y ProSupport Plus for Client with Next Business Day Onsite service
ACCIDENTAL DAMAGE SERVICES	1- year Accidental Damage Service 2- year Accidental Damage Service 3- year Accidental Damage Service 4- year Accidental Damage Service 5- year Accidental Damage Service
KEYBOARD ¹ PORTS	N/A Front: 1 USB 3.2 Gen 1 (5Gbps) port 1 USB 3.2 Gen 1 (5Gbps) port with PowerShare 1 USB 3.2 Gen 2 (10Gbps) Type-C port 1 USB 3.2 Gen 2x2 (20Gbps) Type-C port with PowerShare 1 Global headset jack 1 SD 7.0 Express-card slot (Optional) Rear: 2 USB 2.0 (480Mbps) ports with SmartPower 2 USB 3.2 Gen 2 (10Gbps) ports 1 USB 3.2 Gen 2x2 (20Gbps) Type-C port 1 RJ45 (1GbE) Ethernet port 2 DisplayPort 1.4a HBR3 ports
OPTICAL DRIVE OPTIONS	8x DVD-ROM, 9.5 mm 8x DVD +/-RW, 9.5 mm Integrated Smart Card Reader with Contact and Contactless Support (CAC/PIV)
SLOTS	3 SATA 3.5 inch HDD and 1 SATA ODD 2 M.2 2230/2280 PCIe Gen4 slots 1 M.2 2230/2280 PCIe Gen5 slot 1 PEG full-height Gen5 PCIe x16 slot 1 full-height, half-length Gen3 x4 PCIe closed-end slot 1 full-height, full-length Gen4 x4 PCIe open-end slot 1 full-height, full-length Gen3 x4 PCIe open-end slot
DIMENSIONS	US Height: 15.24 in. (387.00 mm) Width: 7.40 in. (187.70 mm) Depth: 17.24 in. (438.00 mm) Weight: Maximum: 50.70 lbs. (23 kg) Minimum: 18 lbs. (8.17 kg) Rest of the world Height: 387.00 mm (15.24 in.) Width: 187.70 mm (7.40 in.) Depth: 438.00 mm (17.24 in.) Weight: Maximum: 23 kg (50.70 lbs.) Minimum: 8.17 kg (18 lbs.)
CAMERA	N/A
AUDIO N SPEAKERS ¹	Stereo speakers with Waves MaxxAudio® 14 - Realtek ALC3204 Internal speakers
CHASSIS	Full-size tower
WIRELESS	Intel® Wi-Fi 7 BE200, 2x2, 802.11be, MIMO, Bluetooth 5.4 wireless card Qualcomm® Wi-Fi 7 DBS WCN7851, 2x2, 802.11be, MIMO, Bluetooth 5.4 wireless card
POWER	Power supplies 360W internal power supply unit (80PLUS Platinum Certified) 500W internal power supply unit (80PLUS Platinum Certified) 1500W internal power supply unit (80PLUS Platinum Certified)
CHIPSET	Intel® W 880

FEATURE	TECHNICAL SPECIFICATION
HARDWARE SECURITY	I Kensington security-cable slot I Padlock loop I Lockable Cable Cover (optional) I Lockable Bezel and Key for Front Accessible SATA HDD (optional) Chassis intrusion switch Trusted Platform Module TPM 2.0 Intel Integrated TPM
RECOMMENDED	Mouse: Pro Premium Collaboration Keyboard and Mouse - KM900
ACCESSORIES	Audio Headsets: Slim Soundbar - SB521A Pro Plus Wireless ANC Headset - WL5024 Speakerphone - SP3022 Display: Pro 27 Plus Monitor - P2725H Keyboards: Pro Plus Keyboard and Mouse - KM7321W Webcam: Pro Webcam - WB5023
SYSTEM MANAGEMENT	Intel vPro® Intel vPro® over wireless Intel Standard Manageability (ISM) No OOB Management / ME Disabled DASH (through AMT and ISM) OOB Diags Error Code Push Command Integration Suite for SCCM (DCIS) Command Intel® vPro® Out of Band (DCIV) Command Monitor (DCM) - Asset Inventory and Alerts Management -BIOS Configuration via Command Configure and Command PowerShell Provider -AMT Configuration
CONFIGURATION SERVICES	Factory image load BIOS customization Hardware customization Asset Tagging and Reporting
	Intel® Ethernet Network Adapter x710 GbE NIC Card Intel® Ethernet Network Adapter i226 2.5 GbE NIC Card Serial PCIe card WLAN External Antenna AIC Zoom2 Gen4 card
OPTIONAL APPLICATION SOFTWARE PRELOADED AT FACTORY	• Video Management software-WVMS • Video Content Analytics-WVCA • Face recognition Software- WVMS-FR • License Plate Recognition Software-WVMS-LPR • WVCA- Forensic search Software • Videowall

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