



# WRR-P-S206S1

WAVE Recording Server



## Key Features

- 2U rackmount VMS solution, preloaded and configured with Wisenet WAVE video management system
- Up to 480TB of raw video-optimized storage
- 470 Mbps of recording throughput
- SSD & 24/7 Duty Cycle Drives
- Includes USB mouse and keyboard
- Includes Sliding Rack Rail with Cable Management Arm
- 5-Year, Next Business Day, Keep Your Hard Drive Warranty
- Supports Wisenet and ONVIF conformant IP cameras
- IPMI Management
- Powered by Microsoft Windows Server 2022 Standard

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WAVE Recording Server



(S) Windows Server

## Specifications

| System                    |                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------|
| Video Management Software | Wave VMS                                                                                                      |
| Recording Bandwidth       | Up to 470 Mbs<br>* Bandwidth performance figures based on performance testing by Hanwha Vision using Wave VMS |
| Included Licenses         | 4 x Wave Professional License                                                                                 |
| OS Drive Bays             | 2 x 480GB Dual RAID 1 SSD (Internally Mounted)                                                                |
| Data Drive Bays           | 28 x 3.5" Front Hot Swappable Bays                                                                            |
| Data Storage              | Up to 480TB raw                                                                                               |
| RAID Support              | RAID 0, 1, 5, 6, 10 (RAID 6 default configuration)                                                            |
| Network Interface         | 2 x RJ45 1GbE + 2 x 10/25GbE SFP28                                                                            |
| Processor                 | 2 x Intel Xeon Gold 5416S                                                                                     |
| Memory                    | 64GB DDR5                                                                                                     |
| Operating System          | Windows Server 2022 Standard                                                                                  |
| Video Outputs             | NVIDIA Quadro T400 3 x MiniDisplayPort (1xHDMI adapter), 1 x VGA                                              |
| USB Ports                 | 1 x USB 2.0 (Front), 1 x USB 2.0 + 1 x USB 3.0 (Rear)                                                         |
| Other Ports               | Serial                                                                                                        |
| Keyboard & Mouse          | Included                                                                                                      |
| Sliding Rail Kit          | Included, with Cable Management Arm                                                                           |

| Mechanical/Electrical/Environmental |                                                                                 |
|-------------------------------------|---------------------------------------------------------------------------------|
| Mechanical                          | Form Factor: 2U rack mount chassis                                              |
|                                     | Color / Material: Black/Metal                                                   |
|                                     | Dimensions (WxDxH): 18.96"(481.6mm) x 32.95"(837mm) x 3.41"(86.8mm)             |
|                                     | Weight: 102.07 lbs (46.3 kg)<br>* Weight is on chassis fully loaded with drives |
| Electrical                          | Power Supply: (2) 1400W 80 Plus Platinum                                        |
|                                     | Power Input: 100 – 240 VAC                                                      |
|                                     | Heat Dissipation: 3001 Max BTU/hr                                               |
| Environmental                       | Operating Temperature: 50F – 86F (10C – 305C)                                   |
|                                     | Storage Temperature: –40F to 149F (–40C to 65C)                                 |
|                                     | Operating Humidity: 10% to 80% RH non-condensing                                |
| Certifications                      | UL, NOM, RoHS, TUV, GS                                                          |

## Effective Storage Capacity

| Model              | RAW/RAID 5/RAID 6 |
|--------------------|-------------------|
| WRR-P-S206S1-280TB | 280TB/236TB/218TB |
| WRR-P-S206S1-320TB | 320TB/273TB/254TB |
| WRR-P-S206S1-360TB | 360TB/309TB/291TB |
| WRR-P-S206S1-400TB | 400TB/345TB/327TB |
| WRR-P-S206S1-440TB | 440TB/382TB/364TB |
| WRR-P-S206S1-480TB | 480TB/418TB/400TB |

## (S) Windows Server

### General

The WRR-P-S206S1 series offers an affordable and reliable 2U rackmount solution for any entry level deployment. Up to 480TB of raw video-optimized storage is provided by 24/7 duty cycle SATA drives.

The latest Intel® Xeon® Processor allows for high powered computing power, and 64GB of DDR4 RAM provides the system resources to scale as needed.

A dedicated solid state drive for applications and the operating system enables fast boot and load times. Supports RAID 0, 1, 5, 6, and 10 storage configuration allowing for increased reliability, and a 5-year, on-site, Next Business Day, Keep Your Hard Drive warranty ensures peace of mind.

Each server is pre-loaded with WAVE VMS and comes with 4 Professional licenses to ensure quick and easy deployment with minimum setup time.

\*NBD, on-site warranty time starts once the root cause of the issue(s) have been identified