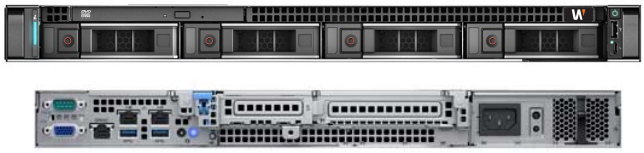
WRR-P-E200x2 Series

Wisenet WAVE Network Video Recorder



WRR-P-E200x2 series offers an affordable and reliable shallow depth 1U rackmount solution for any entry-level deployment. Up to 48TB 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 16GB 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. The ÿve-year, on-site, Next Business Day, Keep Your Hard Drive warranty ensures peace of mind.

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

Key Features

- Preloaded and configured with Wisenet WAVE video management system
- Up to 48TB of Raw Storage
- 470 Mbps of recording throughput
- SSD & 24/7 Duty Cycle SATA Drives
- Shallow Depth Server
- Includes USB mouse and keyboard
- Includes Sliding Rack Rail with Cable Management Arm
- 5-Year, On-site, Next Business Day, Keep Your Hard Drive Warranty
- Supports Wisenet and ONVIF conformant IP cameras
- IPMI Management
- Dedicated GPU for client application for easy configuration

BUILT FOR SECURITY / VIDEO SURVEILLANCE

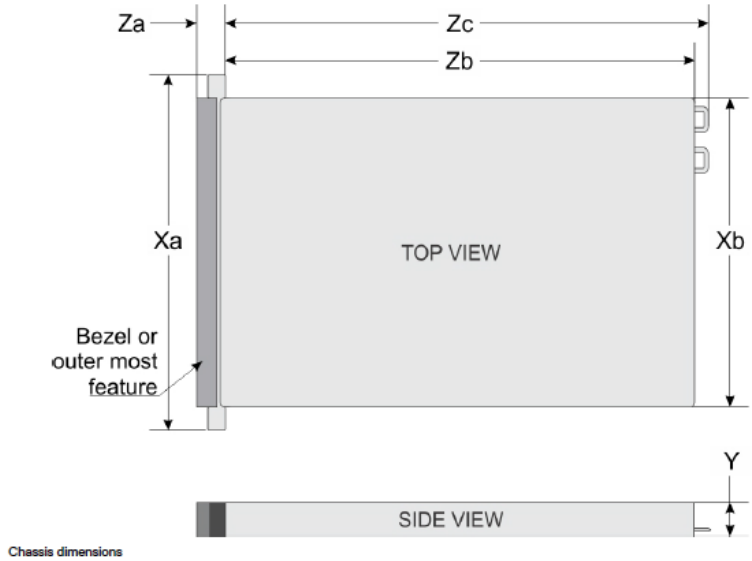
		WRR-P-E200W2 / WRR-P-E200S2 / WRR-P-E200L2
SYSTEM		
Video Management Software		Wisenet WAVE
Recording Bandwidth		Up to 470 Mbps
OS Drive Bays		1 x 480GB M2.5 SSD (internally mounted)
OS / Data Drive Bays		4 x 3.5" Hot Swappable Bays (1 minimum used for OS)
Data Storage		Up to 48TB raw storage
Pre-loaded Licenses		4 x Wisenet WAVE Professional license
Network Interface		2 x RJ45 Gigabit Ethernet
Processor		1 x Intel® Xeon® Processor
Memory		16GB, 2 x 8GB DDR4
Operating System		Windows 10 IoT / Windows Server 2019 Standard / Ubuntu 18.04 LTS
Video Outputs		NVIDIA Quadro P400 3x MiniDisplay Port, 1 x VGA
USB Ports		2 x USB 3.0 (Rear), 1 x USB 2.0 (Front), 1 x USB 3.0 (Internal)
Other Ports		Serial
Keyboard & Mouse		Included
Sliding Rail Kit		Included, with Cable Management Arm
MECHANICAL / ELECTRICAL / ENVIRONMENTAL		
Mechanical	Form Factor	1U shallow depth rack mount chassis
	Color / Material	Black / Metal
	Dimensions (WxDxH)	19" (482.6mm) x 24.2" (614.68mm) x 1.67" (42.8mm)
	Weight	Maximum 26.89 lb/12.2 Kg
Electrical	Power Supply	250W Bronze
	Power Input	100 ~ 240V AC
	Power Consumption	Maximum 250W
Environmental	Operating Temperature	Standard: 50°F ~ 95°F (10°C ~ 35°C) at 10% to 80% RH with 84.2°F maximum dew point. Refer to manual for operating temperature derating. Extended: 40°F ~ 104°F (5°C ~ 40°C) at 5% to 85% RH with 84.2°F dew point.
	Storage Temperature	-40°F ~ 149°F (-40°C ~ 65°C)
	Operating Humidity	10% to 80% RH with 84.2°F maximum dew point.
Certiÿcation		UL, cUL, CB, FCC, 80 Plus Platinum

* Weight is on chassis without HDDs
* The latest product information / speciÿction can be found at www.hanwhasecurity.com
* Bandwidth performance ÿgues based on performance testing by Hanwha Techwin using Wisenet WAVE

Dimensions

Unit: inch (mm)

Chassis dimensions



Chassis dimensions

Xa	Xb	Y	Za	Zb	Zc
482.0 mm (18.97 inches)	434.0 mm (17.08 inches)	42.8 mm (1.68 inches)	With bezel: 35.64 mm (1.4 inches) Without bezel: 22.0 mm (0.87 inches)	534.496 mm (21.04 inches)	573.596 mm (22.58 inches)

WRR-P-S202x2 Series

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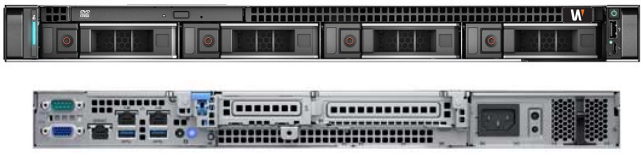

EFFECTIVE STORAGE CAPACITY*

MODEL	RAW STORAGE	EFFECTIVE STORAGE
WRR-P-E200x2-8TB	8TB	7TB
WRR-P-E200x2-12TB	12TB	11TB
WRR-P-E200x2-16TB	16TB	14TB
WRR-P-E200x2-24TB	24TB	22TB
WRR-P-E200x2-28TB	28TB	26TB
WRR-P-E200x2-36TB	36TB	33TB
WRR-P-E200x2-48TB	48TB	39TB

*Actual usable space is dependent on file system format and allocation size

Accessories (Optional)

WRR-P-HDDCRDL
Hard drive cradle.

(Required if adding hard drives.
Empty bays not populated with a
drive do not include empty cradle)