

Blackjack[®] RACK SERVER

Server Powered by DW Spectrum[®] IPVMS
DW-BJRR2Y

NDAA/TAA
COMPLIANT PRODUCT



Summary

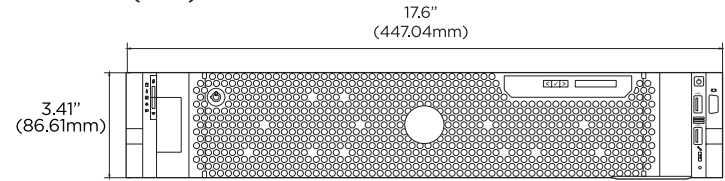
This dual-processor Blackjack Rack server is the ultimate recording solution at a throughput of up to 600Mbps. The 2U rack-mountable server is NDAA/TAA compliant, UL listed and includes Windows 11 IoT, Windows Server 2022, or Linux Ubuntu OS on a separate SSD, dual Intel Xeon processors, 32GB memory, up to four (4) 1GB and 10GB network cards and a dual power supply. The Blackjack Rack server comes preloaded with DW Spectrum and eight recording licenses and up to 520TB of raw internal storage options with selectable RAID5 and RAID6. The server comes complete with a 5-year, on-site, Next Business Day**, Keep Your Hard Drive warranty to ensure peace of mind.

Features

- 5 year warranty, next business day on-site hardware service*, keep your hard drive - *after remote diagnosis
- 2U rackmount server, supports all ONVIF conformant IP cameras
- 260-520TB internal storage options with RAID options
- Record and manage single- and multi-sensor IP cameras of any resolution up to 600Mbps throughput
- Hot Swappable HDDs
- OS RAID 1, Data RAID5, 6 options
- Redundant power supply
- 2x 1GB Base-T Ethernet Ports, 2x 10GB SFP+ Fiber
- Windows 11, Ubuntu Linux, Windows Server OS on 480GB NVMe SSD, RAID1
- iDRAC remote management with Enterprise License
- Hosting DW Spectrum for setup, configuration, monitoring and recording
- One-time recording license charge, fully transferable between cameras and encoders
- Two (2) 4-channel licenses included for a total of 8 recording channels (DW-SPECTRUMLSC004)
- Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.
- Rail kit included
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- UL Listed
- NDAA/TAA compliant

Dimensions

Unit: Inch (mm)



Specifications

DESCRIPTION		Blackjack Rack DW-BJRR2YxxT
Included IP licenses		4 (1x DW-SPECTRUMLSC004)
		Convert each recording license into a 24-month subscription for cloud-centric DW Spectrum Enterprise. Take advantage of cloud-exclusive usability and convenience.
Operating system	Windows 11 IoT LTSC	BJRR2YxxT
	Linux Ubuntu Desktop 22.04 LTS	BJRR2YxxTLX
	Windows Server 2022 IoT LTSC	BJRR2YxxTS
	OS on SSD	2 x 240GB NVMe SSD (RAID1)
CPU		2x Intel Xeon Silver processors
Memory		32GB (4x 8GB)
Ethernet port		2x 1GB Base-T Ethernet Ports, 2x 10GB SFP+ Fiber, iDRAC9 Enterprise
System	Max video storage rate (Mbps)	RAID5: 600Mbps RAID6: 420Mbps
	Maximum HDD	26x SAS HDDs
Storage	Maximum storage	Max raw 520TB
	RAID options	OS RAID 1, Data RAID5, RAID6
Video-out	Outputs	3 x mini DisplayPort (1 x mini-DP to true HD adapter included)
	Video card	NVIDIA T400 2GB
Preloaded VMS software		DW Spectrum IPVMS
Remote clients		Cross-platform - Windows, Linux Ubuntu and Mac
Mobile apps		iOS and Android
Keyboard and mouse		Included
Rail kit		Included
Power supply		1100W dual power supply*
Operating temperature		41°F-104°F (5°C-40°C)
Operating humidity		5-85% RH
Dimension (WxDxH)		17.6" x 31.9" x 3.41" (447.04 x 810.26 x 86.61mm)
Other certification		NDAA, TAA, UL, FCC and CE
Warranty		5 year warranty with next-day on-site repair**

Designed and Commissioned in the U.S.A. 

* A UPS is recommended.
** After remote diagnosis.



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Models:

Windows 11 IoT:

Part Numbers	Available Storage, RAID 5
DW-BJRR2Y260T	240TB
DW-BJRR2Y280T	260TB
DW-BJRR2Y300T	280TB
DW-BJRR2Y320T	300TB
DW-BJRR2Y340T	320TB
DW-BJRR2Y360T	340TB
DW-BJRR2Y380T	360TB
DW-BJRR2Y400T	380TB
DW-BJRR2Y420T	400TB
DW-BJRR2Y440T	420TB
DW-BJRR2Y460T	440TB
DW-BJRR2Y480T	460TB
DW-BJRR2Y500T	480TB
DW-BJRR2Y520T	500TB

Part Numbers	Available Storage, RAID 6
DW-BJRR2Y260T6	220TB
DW-BJRR2Y280T6	240TB
DW-BJRR2Y300T6	260TB
DW-BJRR2Y320T6	280TB
DW-BJRR2Y340T6	300TB
DW-BJRR2Y360T6	320TB
DW-BJRR2Y380T6	340TB
DW-BJRR2Y400T6	360TB
DW-BJRR2Y420T6	380TB
DW-BJRR2Y440T6	400TB
DW-BJRR2Y460T6	420TB
DW-BJRR2Y480T6	440TB
DW-BJRR2Y500T6	460TB
DW-BJRR2Y520T6	480TB

Windows Server 2022:

Part Numbers	Available Storage, RAID 5
DW-BJRR2Y260TS	240TB
DW-BJRR2Y280TS	260TB
DW-BJRR2Y300TS	280TB
DW-BJRR2Y320TS	300TB
DW-BJRR2Y340TS	320TB
DW-BJRR2Y360TS	340TB
DW-BJRR2Y380TS	360TB
DW-BJRR2Y400TS	380TB
DW-BJRR2Y420TS	400TB
DW-BJRR2Y440TS	420TB
DW-BJRR2Y460TS	440TB
DW-BJRR2Y480TS	460TB
DW-BJRR2Y500TS	480TB
DW-BJRR2Y520TS	500TB

Part Numbers	Available Storage, RAID 6
DW-BJRR2Y260TS6	220TB
DW-BJRR2Y280TS6	240TB
DW-BJRR2Y300TS6	260TB
DW-BJRR2Y320TS6	280TB
DW-BJRR2Y340TS6	300TB
DW-BJRR2Y360TS6	320TB
DW-BJRR2Y380TS6	340TB
DW-BJRR2Y400TS6	360TB
DW-BJRR2Y420TS6	380TB
DW-BJRR2Y440TS6	400TB
DW-BJRR2Y460TS6	420TB
DW-BJRR2Y480TS6	440TB
DW-BJRR2Y500TS6	460TB
DW-BJRR2Y520TS6	480TB

Linux Ubuntu:

Part Numbers	Available Storage, RAID 5
DW-BJRR2Y260TLX	240TB
DW-BJRR2Y280TLX	260TB
DW-BJRR2Y300TLX	280TB
DW-BJRR2Y320TLX	300TB
DW-BJRR2Y340TLX	320TB
DW-BJRR2Y360TLX	340TB
DW-BJRR2Y380TLX	360TB
DW-BJRR2Y400TLX	380TB
DW-BJRR2Y420TLX	400TB
DW-BJRR2Y440TLX	420TB
DW-BJRR2Y460TLX	440TB
DW-BJRR2Y480TLX	460TB
DW-BJRR2Y500TLX	480TB
DW-BJRR2Y520TLX	500TB

Part Numbers	Available Storage, RAID 6
DW-BJRR2Y260TLX6	220TB
DW-BJRR2Y280TLX6	240TB
DW-BJRR2Y300TLX6	260TB
DW-BJRR2Y320TLX6	280TB
DW-BJRR2Y340TLX6	300TB
DW-BJRR2Y360TLX6	320TB
DW-BJRR2Y380TLX6	340TB
DW-BJRR2Y400TLX6	360TB
DW-BJRR2Y420TLX6	380TB
DW-BJRR2Y440TLX6	400TB
DW-BJRR2Y460TLX6	420TB
DW-BJRR2Y480TLX6	440TB
DW-BJRR2Y500TLX6	460TB
DW-BJRR2Y520TLX6	480TB

Subscription Options

1-year subscriptions

- DWS-ENT12M1C - 1 Device, 12 Months Subscriptions
- DWS-ENT12M4C - 4 Devices, 12 Months Subscriptions
- DWS-ENT12M8C - 8 Devices, 12 Months Subscriptions
- DWS-ENT12M16C - 16 Devices, 12 Months Subscriptions
- DWS-ENT12M24C - 24 Devices, 12 Months Subscriptions
- DWS-ENT12M48C - 48 Devices, 12 Months Subscriptions

3-year subscriptions

- DWS-ENT36M1C - 1 Device, 36 Months Subscriptions
- DWS-ENT36M4C - 4 Devices, 36 Months Subscriptions
- DWS-ENT36M8C - 8 Devices, 36 Months Subscriptions
- DWS-ENT36M16C - 16 Devices, 36 Months Subscriptions
- DWS-ENT36M24C - 24 Devices, 36 Months Subscriptions



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