

Blackjack[®] RACK SERVER

Servers Powered by DW Spectrum[®] IPVMS

2U rackmount server

DW-BJRR2UxxT, DW-BJRR2UxxTLX, DW-BJRR2UxxTS



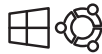
NDAA/TAA
COMPLIANT PRODUCT



100-240TB Raw Storage



600Mbps Throughput



Windows 10, Server & Linux Ubuntu OS



RAID5



Intel Xeon Processor

5 YEAR

Warranty

Summary

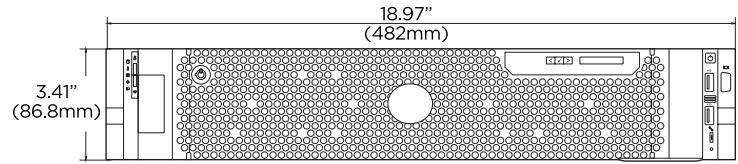
This Blackjack[®] Rack[™] server is the ultimate solution for recording multiple IP cameras of any resolution at up to 600Mbps throughput. The server is NDAA/TAA compliant, UL-listed and includes Windows 10[®], Windows Server[®] or Linux[®] Ubuntu[®] OS on a separate 480GB NVMe SSD. The 2U rack-mountable hardware features an Intel[®] Xeon[®] processor, 16GB memory, dual network cards, dual power supply, mini DisplayPort outputs and removable hot-swappable drives. The Blackjack Rack server comes preloaded with DW Spectrum[®] IPVMS and eight recording licenses, up to 240TB raw internal storage with RAID5 and is ONVIF conformant. The server comes complete with a 5-year, on-site, Next Business Day^{**}, Keep Your Hard Drive warranty to ensure peace of mind.

Features

- Supports all ONVIF conformant IP cameras
- Storage options 80-240TB raw internal storage
- Record and manage single- and multi-sensor IP cameras of any resolution up to 600Mbps throughput
- Hot Swappable HDDs
- OS RAID 1, Data RAID5, RAID6 options
- Redundant power supply
- Dedicated GPU for client application for easy configuration
- Intel[®] Xeon[®] processor
- 2x 1G, 4 x 1G Ethernet ports
- Windows 10[®], Ubuntu[®] Linux[®], Windows Server[®] OS on
- 480GB NVMe SSD, RAID1
- 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)
- No annual maintenance fees
- Simple enterprise scalability and auto device discovery
- Dual stream recording
- Rail kit included
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- UL Listed
- NDAA/TAA compliant
- 5 year warranty, next business day on-site hardware service*, keep your hard drive - *after remote diagnosis

Dimensions

Unit: Inch (mm)



Specifications



MODEL		DW-BJRR2U
Included IP licenses		8
Form factor		2U rack mount
Operating system	Windows [®] 10 IoT LTSC	DW-BJRR2UxxT
	Ubuntu [®] Desktop 20.04 LTS	DW-BJRR2UxxTLX
	Windows Server [®] 2022 STD	DW-BJRR2UxxTS
	OS on SSD	2 x 480GB NVMe SSD (RAID1)
CPU		1x Intel [®] Xeon [®] Silver processor
Memory		16GB
Ethernet port		2x 1G Ethernet Onboard 4 x 1G Ethernet on Expansion board
System	Max video storage rate (Mbps)	600Mbps
	Maximum HDD	12x 3.5" SATA HDD
Storage	Maximum storage	Max raw 240TB
	RAID options	OS RAID 1, Data RAID5, RAID6
	USB interface	Yes
Video-out	Outputs	1 x mini DisplayPort (1 x mini-DP to true HD adapter included)
	Video card	Nvidia Quadro
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		800W dual power supply**
Operating temperature		41°F-104°F (5°C-40°C)
Operating humidity		5-85% RH
Dimension (WxDxH)		18.97" x 28.4" x 3.41" (482 x 721.62 x 86.8mm)
Other certification		UL, FCC, CE, NDA, TAA
Warranty		5 year warranty with next day on-site repair

Designed and Commissioned in the U.S.A.

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



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Available Models

Windows® 10® OS

- DW-BJRR2U80T – 80TB raw storage, 60TB usable storage RAID5
- DW-BJRR2U100T – 100TB raw storage, 80TB usable storage RAID5
- DW-BJRR2U120T – 120TB raw storage, 100TB usable storage RAID5
- DW-BJRR2U140T – 140TB raw storage, 120TB usable storage RAID5
- DW-BJRR2U160T – 160TB raw storage, 140TB usable storage RAID5
- DW-BJRR2U180T – 180TB raw storage, 160TB usable storage RAID5
- DW-BJRR2U200T – 200TB raw storage, 180TB usable storage RAID5
- DW-BJRR2U220T – 220TB raw storage, 200TB usable storage RAID5
- DW-BJRR2U240T – 240TB raw storage, 220TB usable storage RAID5
- DW-BJRR2U80T6 – 80TB raw storage, 40TB usable storage RAID6
- DW-BJRR2U100T6 – 100TB raw storage, 80TB usable storage RAID6
- DW-BJRR2U120T6 – 120TB raw storage, 80TB usable storage RAID6
- DW-BJRR2U140T6 – 140TB raw storage, 100TB usable storage RAID6
- DW-BJRR2U160T6 – 160TB raw storage, 120TB usable storage RAID6
- DW-BJRR2U180T6 – 180TB raw storage, 140TB usable storage RAID6
- DW-BJRR2U200T6 – 200TB raw storage, 160TB usable storage RAID6
- DW-BJRR2U220T6 – 220TB raw storage, 180TB usable storage RAID6
- DW-BJRR2U240T6 – 240TB raw storage, 200TB usable storage RAID6

Ubuntu® Linux® OS

- DW-BJRR2U80TLX – 80TB raw storage, 60TB usable storage RAID5
- DW-BJRR2U100TLX – 100TB raw storage, 80TB usable storage RAID5
- DW-BJRR2U120TLX – 120TB raw storage, 100TB usable storage RAID5
- DW-BJRR2U140TLX – 140TB raw storage, 120TB usable storage RAID5
- DW-BJRR2U160TLX – 160TB raw storage, 140TB usable storage RAID5
- DW-BJRR2U180TLX – 180TB raw storage, 160TB usable storage RAID5
- DW-BJRR2U200TLX – 200TB raw storage, 180TB usable storage RAID5
- DW-BJRR2U220TLX – 220TB raw storage, 200TB usable storage RAID5
- DW-BJRR2U240TLX – 240TB raw storage, 220TB usable storage RAID5
- DW-BJRR2U80T6LX – 80TB raw storage, 40TB usable storage RAID6
- DW-BJRR2U100T6LX – 100TB raw storage, 80TB usable storage RAID6
- DW-BJRR2U120T6LX – 120TB raw storage, 80TB usable storage RAID6
- DW-BJRR2U140T6LX – 140TB raw storage, 100TB usable storage RAID6
- DW-BJRR2U160T6LX – 160TB raw storage, 120TB usable storage RAID6
- DW-BJRR2U180T6LX – 180TB raw storage, 140TB usable storage RAID6
- DW-BJRR2U200T6LX – 200TB raw storage, 160TB usable storage RAID6
- DW-BJRR2U220T6LX – 220TB raw storage, 180TB usable storage RAID6
- DW-BJRR2U240T6LX – 240TB raw storage, 200TB usable storage RAID6

Windows® Server® OS

- DW-BJRR2U80TS – 80TB raw storage, 60TB usable storage RAID5
- DW-BJRR2U100TS – 100TB raw storage, 80TB usable storage RAID5
- DW-BJRR2U120TS – 120TB raw storage, 100TB usable storage RAID5
- DW-BJRR2U140TS – 140TB raw storage, 120TB usable storage RAID5
- DW-BJRR2U160TS – 160TB raw storage, 140TB usable storage RAID5
- DW-BJRR2U180TS – 180TB raw storage, 160TB usable storage RAID5
- DW-BJRR2U200TS – 200TB raw storage, 180TB usable storage RAID5
- DW-BJRR2U220TS – 220TB raw storage, 200TB usable storage RAID5
- DW-BJRR2U240TS – 240TB raw storage, 220TB usable storage RAID5
- DW-BJRR2U80TS6 – 80TB raw storage, 40TB usable storage RAID6
- DW-BJRR2U100TS6 – 100TB raw storage, 80TB usable storage RAID6
- DW-BJRR2U120TS6 – 120TB raw storage, 80TB usable storage RAID6
- DW-BJRR2U140TS6 – 140TB raw storage, 100TB usable storage RAID6
- DW-BJRR2U160TS6 – 160TB raw storage, 120TB usable storage RAID6
- DW-BJRR2U180TS6 – 180TB raw storage, 140TB usable storage RAID6
- DW-BJRR2U200TS6 – 200TB raw storage, 160TB usable storage RAID6
- DW-BJRR2U220TS6 – 220TB raw storage, 180TB usable storage RAID6
- DW-BJRR2U240TS6 – 240TB raw storage, 200TB usable storage RAID6



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