Blackjack® RACK SERVER

Servers Powered by DW Spectrum® IPVMS

2U rackmount server

DW-BJRR2UxxT, DW-BJRR2UxxTLX, DW-BJRR2UxxTS



NDAA/TAA COMPLIANT PRODUCT

Summary

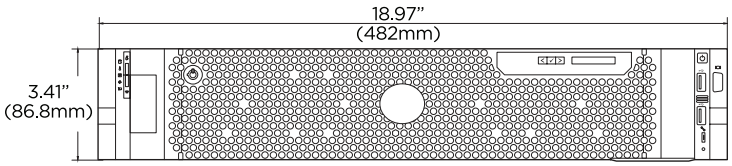
This NDAA/TAA, UL-listed Blackjack Rack server is the ultimate recording solution at a throughput of up to 600Mbps. The server includes Windows 11, Windows Server or Linux Ubuntu OS on a separate SSD in a 2U rack-mountable hardware an Intel Xeon processor, 16GB memory, dual power supply, and removable hot-swappable drives. The Blackjack Rack server comes preloaded with DW Spectrum 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

- 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
- 80-240TB 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
- Redundant power supply
- Dedicated GPU for client application for easy configuration
- Intel Xeon processor
- 2x 1G, 4 x 1G Ethernet ports
- 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

MODEL		DW-BJRR2U
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.
Form factor		2U rack mount
Operating system	Windows 11 IoT LTSC	DW-BJRR2UxxT
	Linux Ubuntu Desktop 22.04 LTS	DW-BJRR2UxxTLX
	Windows Server 2019 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
Storage	Maximum HDD	12x 3.5" SATA HDD
	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, NDAA, 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.

Built for Users.™

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Available Models

Windows 11 OS

Part Numbers	Available Storage, RAID 5	Part Numbers	Available Storage, RAID 6
DW-BJRR2U80T	80TB raw, 60TB usable	DW-BJRR2U80T6	80TB raw, 40TB usable
DW-BJRR2U100T	100TB raw, 80TB usable	DW-BJRR2U100T6	100TB raw, 80TB usable
DW-BJRR2U120T	120TB raw, 100TB usable	DW-BJRR2U120T6	120TB raw, 80TB usable
DW-BJRR2U140T	140TB raw, 120TB usable	DW-BJRR2U140T6	140TB raw, 100TB usable
DW-BJRR2U160T	160TB raw, 140TB usable	DW-BJRR2U160T6	160TB raw, 120TB usable
DW-BJRR2U180T	180TB raw, 160TB usable	DW-BJRR2U180T6	180TB raw, 140TB usable
DW-BJRR2U200T	200TB raw, 180TB usable	DW-BJRR2U200T6	200TB raw, 160TB usable
DW-BJRR2U220T	220TB raw, 200TB usable	DW-BJRR2U220T6	220TB raw, 180TB usable
DW-BJRR2U240T	240TB raw, 220TB usable	DW-BJRR2U240T6	240TB raw, 200TB usable

Ubuntu Linux OS

Part Numbers	Available Storage, RAID 5	Part Numbers	Available Storage, RAID 6
DW-BJRR2U80TLX	80TB raw, 60TB usable	DW-BJRR2U80T6LX	80TB raw, 40TB usable
DW-BJRR2U100TLX	100TB raw, 80TB usable	DW-BJRR2U100T6LX	100TB raw, 80TB usable
DW-BJRR2U120TLX	120TB raw, 100TB usable	DW-BJRR2U120T6LX	120TB raw, 80TB usable
DW-BJRR2U140TLX	140TB raw, 120TB usable	DW-BJRR2U140T6LX	140TB raw, 100TB usable
DW-BJRR2U160TLX	160TB raw, 140TB usable	DW-BJRR2U160T6LX	160TB raw, 120TB usable
DW-BJRR2U180TLX	180TB raw, 160TB usable	DW-BJRR2U180T6LX	180TB raw, 140TB usable
DW-BJRR2U200TLX	200TB raw, 180TB usable	DW-BJRR2U200T6LX	200TB raw, 160TB usable
DW-BJRR2U220TLX	220TB raw, 200TB usable	DW-BJRR2U220T6LX	220TB raw, 180TB usable
DW-BJRR2U240TLX	240TB raw, 220TB usable	DW-BJRR2U240T6LX	240TB raw, 200TB usable

Windows Server OS

Part Numbers	Available Storage, RAID 5	Part Numbers	Available Storage, RAID 6
DW-BJRR2U80TS	80TB raw, 60TB usable	DW-BJRR2U80TS6	80TB raw, 40TB usable
DW-BJRR2U100TS	100TB raw, 80TB usable	DW-BJRR2U100TS6	100TB raw, 80TB usable
DW-BJRR2U120TS	120TB raw, 100TB usable	DW-BJRR2U120TS6	120TB raw, 80TB usable
DW-BJRR2U140TS	140TB raw, 120TB usable	DW-BJRR2U140TS6	140TB raw, 100TB usable
DW-BJRR2U160TS	160TB raw, 140TB usable	DW-BJRR2U160TS6	160TB raw, 120TB usable
DW-BJRR2U180TS	180TB raw, 160TB usable	DW-BJRR2U180TS6	180TB raw, 140TB usable
DW-BJRR2U200TS	200TB raw, 180TB usable	DW-BJRR2U200TS6	200TB raw, 160TB usable
DW-BJRR2U220TS	220TB raw, 200TB usable	DW-BJRR2U220TS6	220TB raw, 180TB usable
DW-BJRR2U240TS	240TB raw, 220TB usable	DW-BJRR2U240TS6	240TB raw, 200TB usable

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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