

# Blackjack<sup>®</sup> RACK SERVER

Server Powered by DW Spectrum<sup>®</sup> IPVMS  
DWBRR2XxxT/DW-BJRR2XxxTS/DW-BJRR2XxxTLX



NDA/TAA  
COMPLIANT PRODUCTS

208-288TB

208-288TB Raw Storage



600Mbps Throughput



Windows 10, Server & Linux Ubuntu OS



RAID5, RAID6 Options



Dual Intel Xeon Processors

5 YEAR

Warranty

## Summary

This dual processor Blackjack<sup>®</sup> Rack<sup>™</sup> server is the ultimate solution for recording multiple IP cameras of any resolution at up to 600Mbps throughput. The server is NDA/TAA compliant, UL listed and includes Windows 10<sup>®</sup> IoT, Windows Server<sup>®</sup> 2019, or Linux<sup>®</sup> Ubuntu<sup>®</sup> OS on a separate mirrored 240GB SSD. The 2U rack-mountable hardware features dual Intel<sup>®</sup> Xeon<sup>®</sup> processors, 32GB memory, up to eight (8) 1GB and 10GB network cards and a dual power supply. The Blackjack Rack server comes preloaded with DW Spectrum<sup>®</sup> IPVMS and eight recording licenses, up to 288TB of raw internal storage with RAID5 and RAID6 options and removable hot-swappable drives. The server comes complete with a 5-year, on-site, Next Business Day<sup>\*\*</sup>, Keep Your Hard Drive warranty to ensure peace of mind.

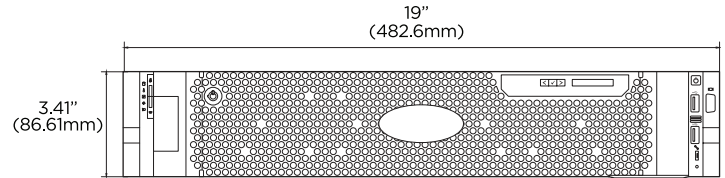
## Features

- Supports all ONVIF conformant IP cameras
- Storage options 208-288TB 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, 6 options
- Redundant power supply
- 6x 1GB Base-T Ethernet Ports, 2x 10G SFP+ Fiber
- Windows 10 IoT, Linux Ubuntu, Windows Server 2019 OS options on separate SSD
- Dedicated RAID controller
- Hosting DW Spectrum<sup>®</sup> 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
- Dual stream recording
- Rail kit included
- USB mouse and keyboard included
- Designed, assembled and tested in the U.S.A.
- UL Listed
- NDA/TAA compliant
- 5 year warranty, next business day on-site hardware service<sup>\*\*</sup>, keep your hard drive



## Dimensions

Unit: Inch (mm)



## Specifications



DESCRIPTION		Blackjack Rack DW-BJRR2XxxT
Included IP licenses		8
Form factor		2U rack mount
Operating system	Windows 10 IoT	BJRR2XxxT
	Linux Ubuntu 20.04	BJRR2XxxTLX
	Windows Server	BJRR2XxxTS
	OS on SSD	2x 240GB M.2 SSDs
CPU		2x Intel Xeon Silver processors
Memory		32GB (4x 8GB)
Ethernet port		6x 1GB Base-T Ethernet Ports, 2x 10G SFP+ Fiber, iDRAC9 Enterprise
System	Max video storage rate (Mbps)	600Mbps
	Maximum HDD	18x SAS HDDs
Storage	Maximum storage	Max raw 288TB
	RAID options	OS RAID 1, Data RAID5, RAID6
	Outputs	3 x mini DisplayPort (1 x mini-DP to true HD adapter included)
Video-out	Video card	NVIDIA T400 2GB
	Preloaded VMS software	
Remote clients		Cross-platform - Windows <sup>®</sup> , Linux Ubuntu <sup>®</sup> and Mac <sup>®</sup>
Mobile apps		iOS <sup>®</sup> and Android <sup>®</sup>
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		NDA, TAA, UL, FCC and CE
Warranty		5 year warranty with next-day on-site repair <sup>**</sup>

Designed and Commissioned in the U.S.A.

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



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## Models:

### Windows 10 IoT:

Part Numbers	Open Drive Bays	Available Storage, RAID 5	Available Storage, RAID 6
DW-BjRR2X208T	16TB drives, 5 open drive bays	192TB	176TB
DW-BjRR2X224T	16TB drives, 4 open drive bays	208TB	192TB
DW-BjRR2X240T	16TB drives, 3 open drive bays	224TB	208TB
DW-BjRR2X256T	16TB drives, 2 open drive bays	240TB	224TB
DW-BjRR2X272T	16TB drives, 1 open drive bay	256TB	240TB
DW-BjRR2X288T	16TB drives, no open drive bays	272TB	256TB

### Windows Server 2019:

Part Numbers	Open Drive Bays	Available Storage, RAID 5	Available Storage, RAID 6
DW-BjRR2X208TS	16TB drives, 5 open drive bays	192TB	176TB
DW-BjRR2X224TS	16TB drives, 4 open drive bays	208TB	192TB
DW-BjRR2X240TS	16TB drives, 3 open drive bays	224TB	208TB
DW-BjRR2X256TS	16TB drives, 2 open drive bays	240TB	224TB
DW-BjRR2X272TS	16TB drives, 1 open drive bay	256TB	240TB
DW-BjRR2X288TS	16TB drives, no open drive bays	272TB	256TB

### Linux Ubuntu:

Part Numbers	Open Drive Bays	Available Storage, RAID 5	Available Storage, RAID 6
DW-BjRR2X208TLX	16TB drives, 5 open drive bays	192TB	176TB
DW-BjRR2X224TLX	16TB drives, 4 open drive bays	208TB	192TB
DW-BjRR2X240TLX	16TB drives, 3 open drive bays	224TB	208TB
DW-BjRR2X256TLX	16TB drives, 2 open drive bays	240TB	224TB
DW-BjRR2X272TLX	16TB drives, 1 open drive bay	256TB	240TB
DW-BjRR2X288TLX	16TB drives, no open drive bays	272TB	256TB



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