

BRT-X642W1

BLAZE Tower Server

Key Features

The BRT-X642W1 combines BLAZE recording server and client workstation functionality into a single, versatile, Windows-based machine. The unit is pre-installed with BLAZE and five full-featured 30-day onboarding licenses. This tower form factor device is perfect for up to 32 channels. It is ready to scale as part of a multi-site BLAZE federated organization and can be combined with BLAZE Recording Appliances and Servers.

- Fast Deployment, Cloud-driven Scalability
- Tower form factor server/workstation
- Up to 64 channels
- Up to 36 TB storage
- 470 Mbps recording bandwidth capacity
- 14th Intel Ultra 5 running Windows 11 IoT Enterprise LTSC 2024
- 1x DP and 1x HDMI monitor outputs
- Keyboard and mouse included
- BLAZE preinstalled with five temporary 30-day onboarding licenses
- Supported by BLAZE VMS Desktop Client, Mobile, and Web Client
- Supports Federation via Hanwha Vision Cloud
- Supports Similarity Search and AI metadata

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
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Specifications

System

Video Management Software		BLAZE VMS
Licenses		No License
Available Channels		Up to 64 channels
Recording Rate		Up to 470Mbps
OS Drive Bays		SSD 256GB
Data Drive Bays		SATA 3ea
Data Storage		Up to 36TB
Network Interface		2 x RJ-45 (1Gbps)
Processor		Intel Core Ultra 5
Memory		16GB DDR5
Operating System		Windows 11 IoT Enterprise LTSC 2024
Decoding	Video Outputs	2 x DP, 1 x DP to HDMI adapter
USB Ports		Front: 2 x USB 3.2 Gen1 ,1x USB 3.2 Gen2 Type C, 1 x USB 3.2 Gen 2x2 Type C Rear: 2 x USB 2.0 2 x USB 3.2 Gen 2,1 x USB 3.2 Gen 2x2 Type C,1 x Type C Thunderbolt
Audio	Output	Front: 1 x 3.5mm Universal Audio
Keyboard & Mouse		Keyboard, Mouse

Security

Security Certificate	UL, cUL, CB, FCC, 80 Plus Platinum

Mechanical

Form Factor	Tower
Color / Material	Black / Metal
Dimensions (WxHxD)	7.40"(187.70mm) x 15.24"(387mm) x 17.24"(438mm)
Weight	44.97 lbs (20.40 kg)

Electrical

Power Input	100 ~ 240 VAC ±10%, 50/60 Hz
Power Supply	1500W 80 Plus Platinum

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Environmental

Operating Temperature	41°F to 113°F(5°C to 45°C)
Storage Temperature	-40°F to 158°F(-40°C to 70°C)
Operating Humidity	20% to 85% RH (non-condensing)

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