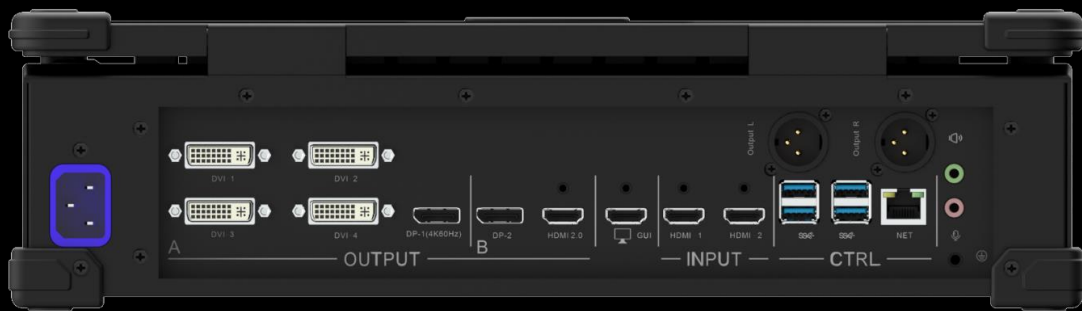


# Kommander T1 Pro



Engineered for small events, the Kommander T1 Pro media server excels at pixel-perfect LED tiling and multi-layer display. The integration of a monitor, keyboard, and touchpad can simplify peripheral connectivity. Its lightweight, portable design combined with excellent performance simplifies event setup and execution, delivering a control experience far superior to that of a laptop.



## Interface

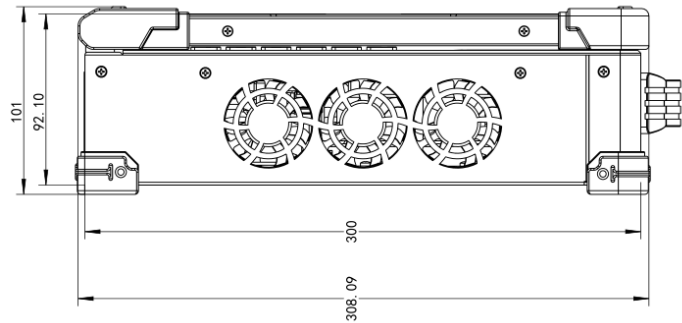
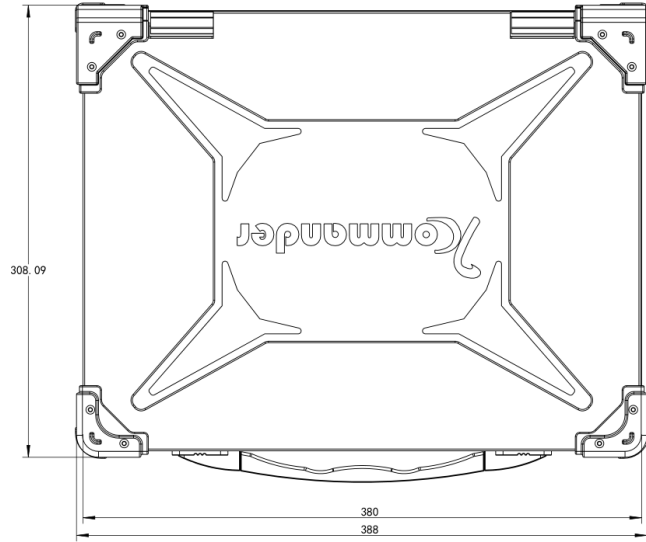
Video Outputs		
Output-A	5	4x DVI duplicate 1x DP 4x DVI, individual resolution up to 1920x1200@60Hz 1x DP1.2, resolution up to 3840x2400@60Hz
Output-B	2	1x HDMI duplicate 1x DP 1x HDMI 2.0, resolution up to 3840x2400@60Hz 1x DP1.2, resolution up to 3840x2400@60Hz
GUI-HDMI	1	Resolution up to FHD@60Hz, for operating
Video Inputs		
HDMI	2	Resolution up to FHD@60Hz
Audio		
XLR	2	2x output
TRS Jack	2	1x output, 1x input
Network		
RJ-45	1	1x 1Gb/s
Others		
USB 3.0	6	Side: 2x USB-A, Rear: 4x USB-A

# Hardware Specifications

CPU	AMD Ryzen™ 7 7735HS
Graphics Card	AMD Radeon™ 680M
Motherboard	AMD custom motherboard
Network	1x 1Gb/s
Memory	32GB DDR5
Storage	1TB SSD
Power	120W
Monitor	15.6-inch FHD@60Hz
Chassis	Customized portable chassis (Keyboard and touchpad integrated)

The specifications are subject to change without further notice

## Physical Specifications



Type	Portable
Dimensions	D: 308mm W: 388mm H: 101mm
Weight	6.5KG
Voltage	100-240V AC~50/60Hz
Operating Humidity	5%-95%
Operating Temp	0-45°C
Warranty	2 Years

# Feature List

## Content Composition

- Display PowerPoint with embedded animations, video, and audio, supports next slide and presenter view mode.
- Playlist functionality with automatic content looping.
- 32 real-time effects including masks, chroma key, rolling, etc.
- Built-in utilities: Subtitle, timer, countdown, clock, weather displays.

## Editing & Workflow

- Plan Mode: Drag-and-drop content organization for conference event editing.
- Preview mode enables on-site editing without affecting real-time output.
- Timeline Mode: Frame-accurate control with keyframing for creative effects.
- Time/date-based event scheduling.

## Projection & Blending

- Vioso camera-based projection surface calibration.
- Multi-user collaboration for projection fusion setup.
- Geometry correction and edge blending for multi-projector setups.

## Convenient tools

- Built-in converter to transcode and encrypt video.
- Optimize image resolution automatically to reduce CPU load.

## Output Management

- Dedicated GUI for operator control.
- Custom output resolution and EDID lock support.
- Unlimited outputs, screens, and layers (hardware-dependent).
- Adjust color parameters per individual LED screen or per content source.

## Streaming & Live

- NDI (Version 6) & Spout network video input and output.
- Dante audio integration and multi-channel audio mapping.
- Browser and RTMP output, RTSP, RTMP, RTP, SRT, HLS live streaming input.

## Protocols & Control

- Stream Deck & Companion integration.
- Control protocols supported: MIDI, OSC, DMX, Timecode, TCP/IP, UDP.
- Remote control via iPad/Phone using the Kommander Cloud Control App.

## Multi-Server Sync

- Automatic main/backup server switching when signal abnormality.
- Project sync via local network with centralized control from the main server.

## Codec Performance

Resolution & Frame rate	Codec	Content Data Rate	Max layers
8K@60Hz	HAP	477MB/s	1
8K@30Hz	HAP	303MB/s	6
4K@60Hz	HAP	245MB/s	7
4K@30Hz	HAP	123MB/s	19
FHD@60Hz	HAP	62MB/s	26
FHD@30Hz	HAP	31MB/s	67

The test results are for reference only, different content and environment may affect the test results.

The test specifications is based on the T1 Pro server with 2x 4K@60Hz outputs and 1x FHD@60Hz input were used.

## Codec Performance

Resolution & Frame rate	Codec	Content Data Rate	Max layers
4K@60Hz	H265	245MB/s	2
4K@30Hz	H265	123MB/s	4
FHD@60Hz	H265	62MB/s	6
FHD@30Hz	H265	31MB/s	10

## Capture Card Latency

FHD@60Hz	10 frames
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The test results are for reference only, different content and environment may affect the test results.

The test specifications is based on the T1 Pro server with 2x 4K@60Hz outputs and 1x FHD@60Hz input were used.

## Format & Reference

Type	Format (*Video is container format)	Reference
Video	MP4, AVI, MKV, WMV, FLV, MOV, ASF, MPEG, MPG, TP, TS, MTS, M2TS, VOB, RMVB, RM, RAM, DIVX, EVO, OGM, M1V, M4V, MPE, 3GP, WEBM	Container format: MOV Codec format: HAP Color space: yuv420p Color bit depth: 8 bit
Audio	MP3, MP2, MPA, AAC, OGG, WAV, WMA, APE, AC3, FLAC, M1A, M2A, M4A, RA, DTS, DTSHD	Codec format: AAC Sampling format: S16 Sampling rate: 44100/48000
Image	JPG, JPEG, GIF, BMP, PNG, TIF, TIFF, ICO, WEBP	Pixel-to-Pixel
Office	PPTX, PPT, PDF, DOC, DOCX, WPS, XLSX, XLS, XLA, XLM, XLT, XLL, WKS, ET, DPS	Office version: 2016 and above (Activated)





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