

DVS 1U EXEC



Overview

Our EXEC series spans a wide variety of specifications designed to cover many different roles in an AV installation. These include administration and management systems, control systems, web servers, databases and content management servers.

The DVS 1U EXEC is an entry level control and production server. The intel-based processors options allow up to 8 cores with 16 threads for demanding single and multi-threaded workloads. The dual NVMe M.2 slots allow for blistering fast storage options, and the 2.5" and 3.5" drive bays allow for higher capacity options for storage.

Specifications

- DVS 1U Rackmount Chassis - 381 x 482.6 x 44.4 (mm) (D x W x H)
- 250 Watt PSU – 100 – 240V~, 3.5 – 1.5A, 50 – 60Hz
- Intel Z490 Chipset Motherboard
- Intel Processor - 4(8), 6(12) or 8(16) core
- 4 / 8 / 16 / 32GB DDR4 Dual Channel Memory
- 2 x NVMe M.2 Storage (Up to 2TB)
- 1 x 2.5" SATA Storage
- 1 x 3.5" SATA Storage
- 1 x 1Gb Network Port
- 1 x 2.5Gb Network Port
- Intel® 802.11ac WiFi + BT Module
- Operating System - Windows Enterprise IoT LTSC 2019 or Windows 10 Pro

Variations

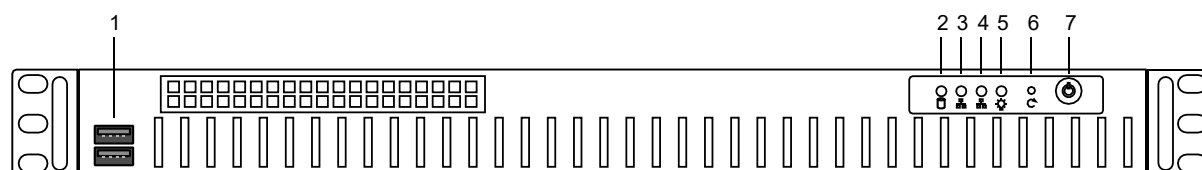
Model Number	10Gb Network
1U EXEC	
1U EXEC-10G	Yes

Graphics

Chipset	Intel UHD Graphics 630
Memory	System Shared
Memory Bus	System Shared
Interface	PCIe 3.0 (x1)
Microsoft DirectX Support	12 API
Maximum Concurrent Displays	2 Displays
Maximum Digital Resolution	4096x2304 @ 60Hz
Outputs	1 x HDMI, 1 x Display Port 1.4
EDID Emulation	No
Sync Module Supported	No

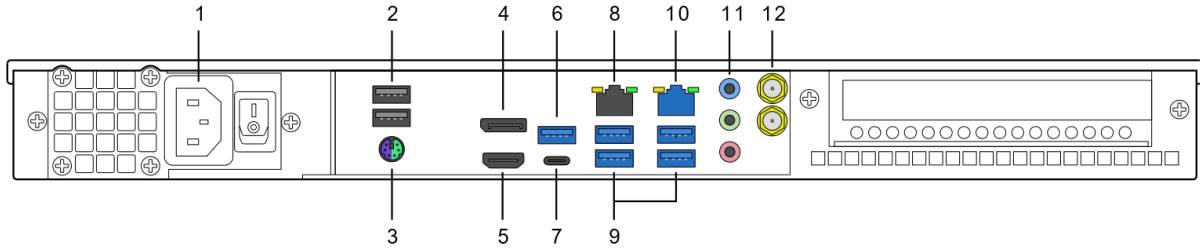
Connectors

Front Panel

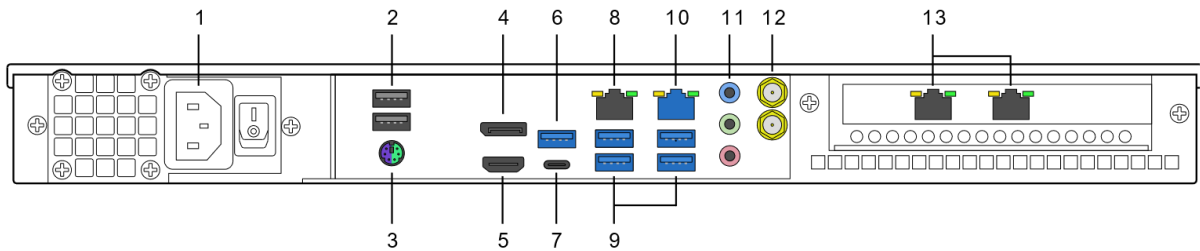


1. **USB 2.0 Ports**
2. **HDD Activity LED**
3. **LAN1 Activity LED.** Not connected
4. **LAN2 Activity LED.** Not connected
5. **Power LED**
6. **System Reset Switch**
7. **Power Button**

Rear Panel



Variant with 10G Networking



1. **Power IEC.** Mains Power Input: 100 – 240V~, 3.5 – 1.5A, 50 – 60Hz
2. **USB 2.0 Ports**
3. **PS/2 Mouse / Keyboard Port**
4. **Display Port 1.4**
5. **HDMI**
6. **USB 3.2 Gen1 Type-A Port**
7. **USB 3.2 Gen1 Type-C Port**
8. **LAN RJ-45 Port.** (1Gb - Intel® I219V)
9. **USB 3.2 Gen2 Type-A Ports**
10. **LAN RJ-45 Port.** (2.5Gb – Dragon RTL8125BG)
11. **Audio Ports.**
 - a. Line In (Light Blue)
 - b. Front Speaker (Lime)
 - c. Microphone (Pink)
12. **Antenna Ports**
13. **LAN RJ-45 Ports.** (10Gb – Intel X540 - 10G Variant)

LAN port LED Indications (1Gb - Intel® I219V)

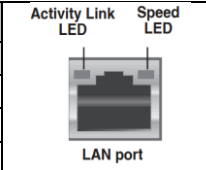
Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No link	OFF	10Mbps connection
On	Linked	ORANGE	100Mbps connection
Blinking	Data activity	GREEN	1Gbps connection

Activity Link LED Speed LED

LAN port

LAN port LED Indications (2.5Gb – Dragon RTL8125BG)

Activity / Link LED		Speed LED	
Status	Description	Status	Description
Off	No link	OFF	10Mbps connection
On	Linked	ORANGE	100/1000Mbps connection
Blinking	Data activity	GREEN	2.5Gbps connection



Internal Expansion

- 1 x M.2 Socket, M Key type 2280 storage devices support (PCIe x4 Gen3)
- 1 x M.2 Socket, M Key type 2280 storage devices support (PCIe x4 Gen3 and SATA 3)
- 1 x 2.5" Drive bays (SATA 3)
- 1 x 3.5" Drive bays (SATA 3)

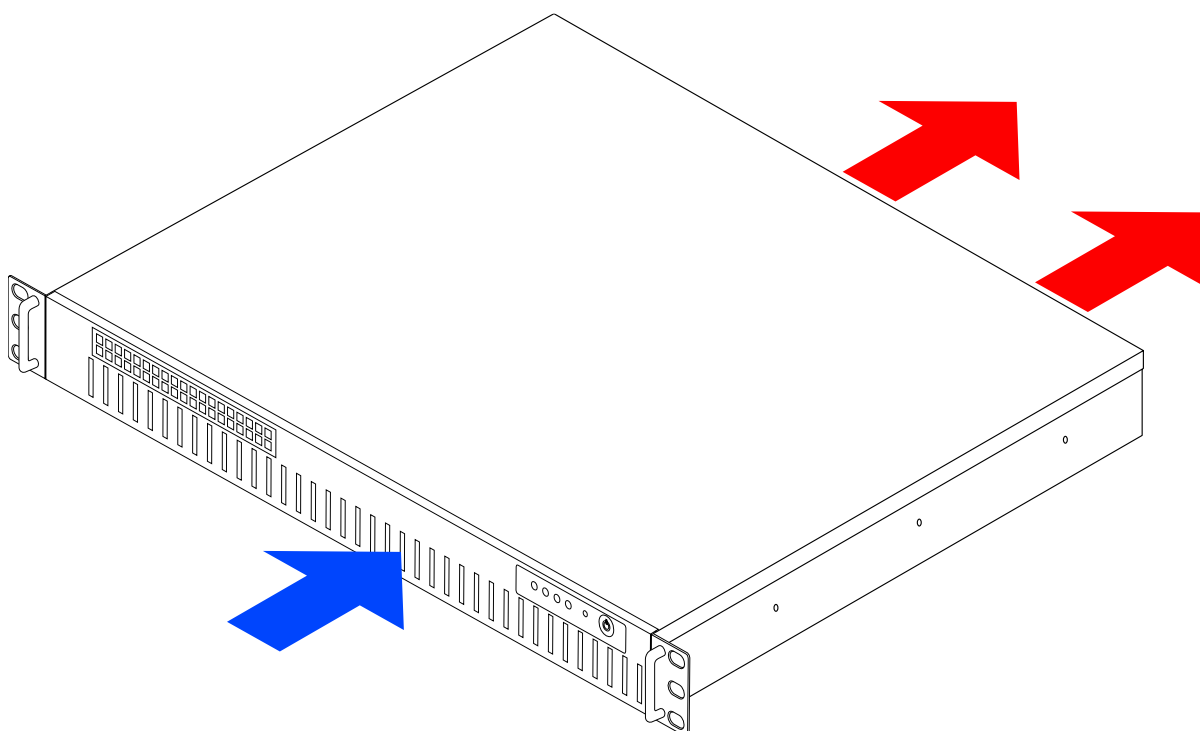
Chassis Specification

The DVS 1U EXEC is a one rack unit high chassis, designed to fit in standard 19" rack cabinets. Optional rack rails are available for the system.

Colour	Silver, Black Front
Dimension (D x W x H)	<ul style="list-style-type: none">• 381 x 482.6 x 44.4 (mm) (D x W x H)
Drive Bay	<ul style="list-style-type: none">• Exposed: 1 x Slim DVD-ROM• Internal: 1 x 3.5", 1 x 2.5"

Ventilation

The 1U EXEC is a rack mountable server, all cool air intake is from the front of the chassis and all hot air is actively expelled from the rear of the chassis. The chassis is designed to be in a climate-controlled server room environment.



Supported Video Formats

The system comes with Windows installed as standard. Windows includes Windows Media Player by default. As of Windows Media Player 12 the following video formats are supported:

- Windows Media formats (.asf, .wma, .wmv, .wm)
- Windows Media Metafiles (.asx, .wax, .wvx, .wmx)
- Windows Media Metafiles (.wpl)
- Microsoft Digital Video Recording (.dvrms)
- Windows Media Download Package (.wmd)
- Audio Visual Interleave (.avi)
- Moving Pictures Experts Group (.mpg, .mpeg, .m1v, .mp2, .mp3, .mpa, .mpe, .m3u)
- Musical Instrument Digital Interface (.mid, .midi, .rmi)
- Audio Interchange File Format (.aif, .aifc, .aiff)
- Sun Microsystems and NeXT (.au, .snd)
- Audio for Windows (.wav)
- CD Audio Track (.cda)
- Indeo Video Technology (.ivf)
- Windows Media Player Skins (.wmz, .wms)
- QuickTime Movie file (.mov)
- MP4 Audio file (.m4a)
- MP4 Video file (.mp4, .m4v, .mp4v, .3g2, .3gp2, .3gp, .3gpp)
- Windows audio file (.aac, .adt, .adts)
- MPEG2 TS Video file (.m2ts)

**Additional video formats can be supported by the installation of additional software.*