



XFile3 High Performance 2U Hardware Manual

2019-03-11 / TR-XF32-4301D

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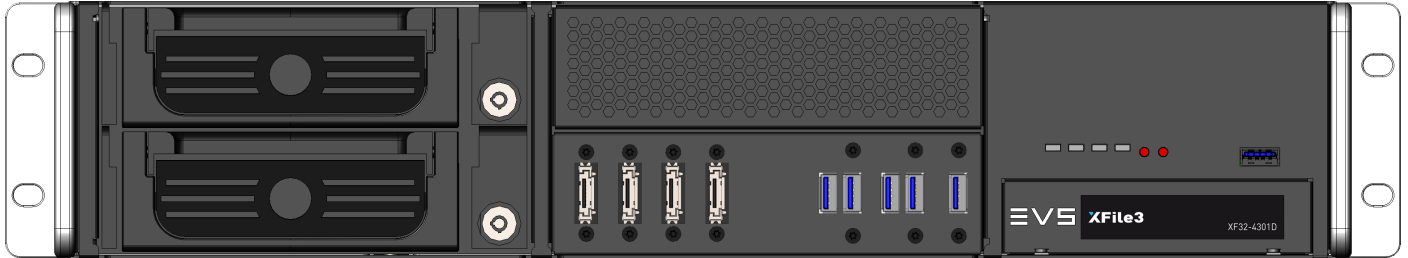
Introduction

This technical document provides an overview on the different hardware configurations, a brief description of the connectors.

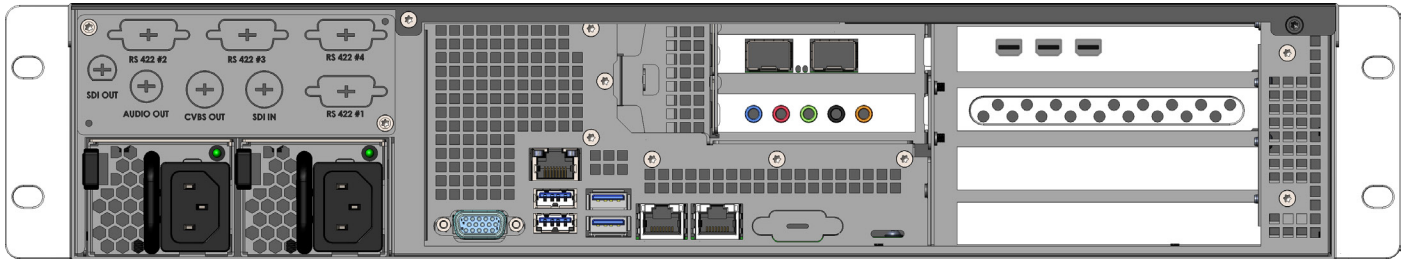
Commercial References

Base configuration

▣ **XF32-4301D** : XFile3 High Perf. station for A/V Content Archive/Restore



front view without option



rear view without option

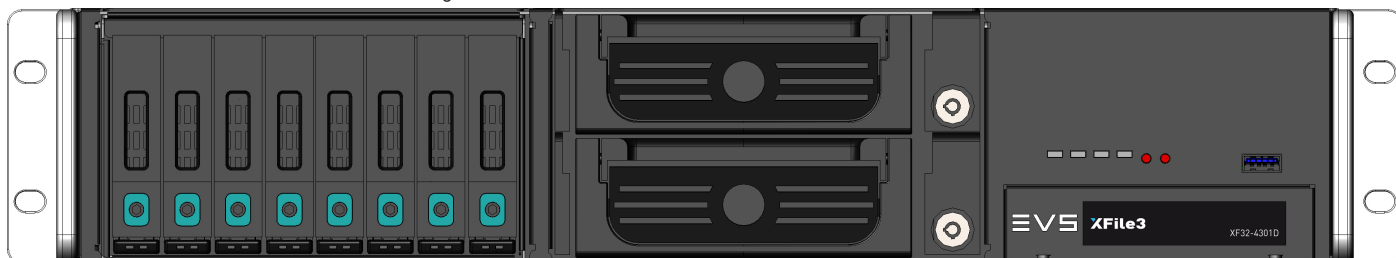
Recommended SFP+ modules :

- **ESSFP-I-10G-SR** : Intel 10Gb Ethernet SFP+ Module 10GBASE-SR (Short Reach)
- **ESSFP-I-10G-LR** : Intel 10Gb Ethernet SFP+ Module, 10GBASE-LR (Long Reach)

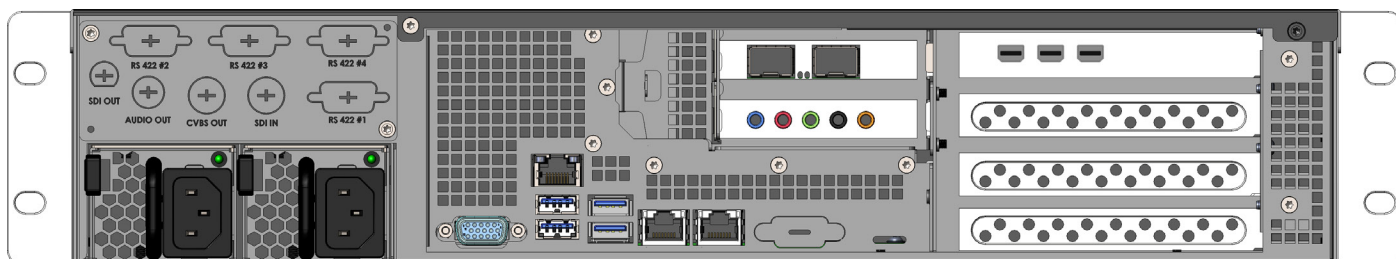
Warning! SFP+ modules from other manufacturers may be used but EVS cannot guarantee full functionality.

Options

▣ XF32-4D-RAID+ : Add Internal RAID5 storage 8 x 1.2TB 2.5" SAS HDD

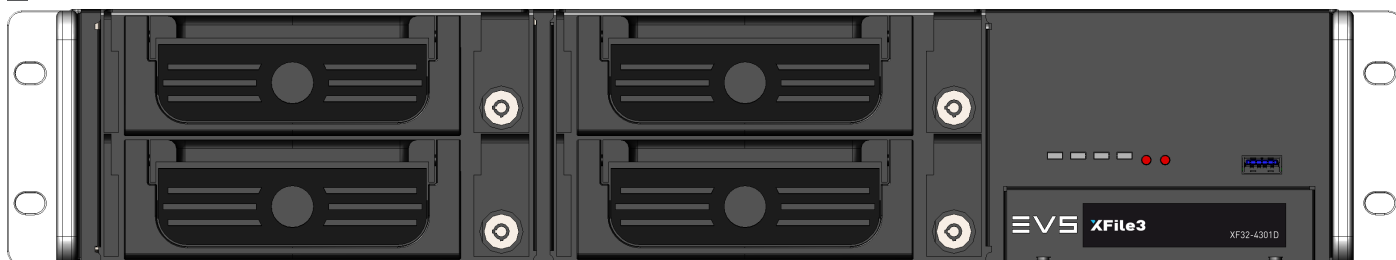


front view with XF32-4D-RAID+ option

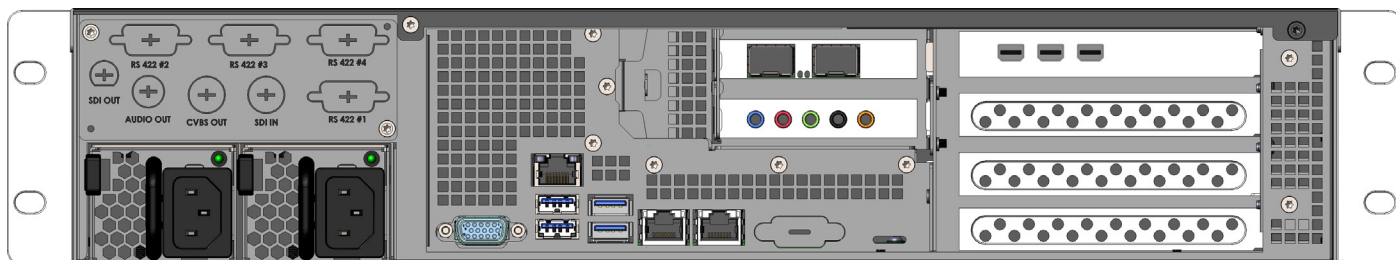


rear view with XF32-4D-RAID+ option

▣ XF32-4D-SATA+ : Add 2x 2 TB 3.5" SATA HDD

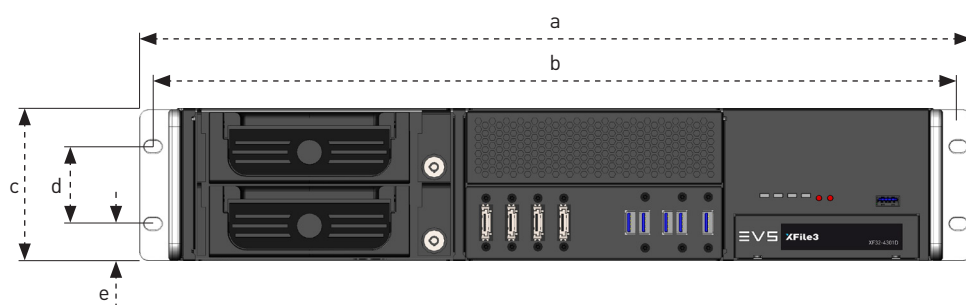


front view with XF32-4D-SATA+ option

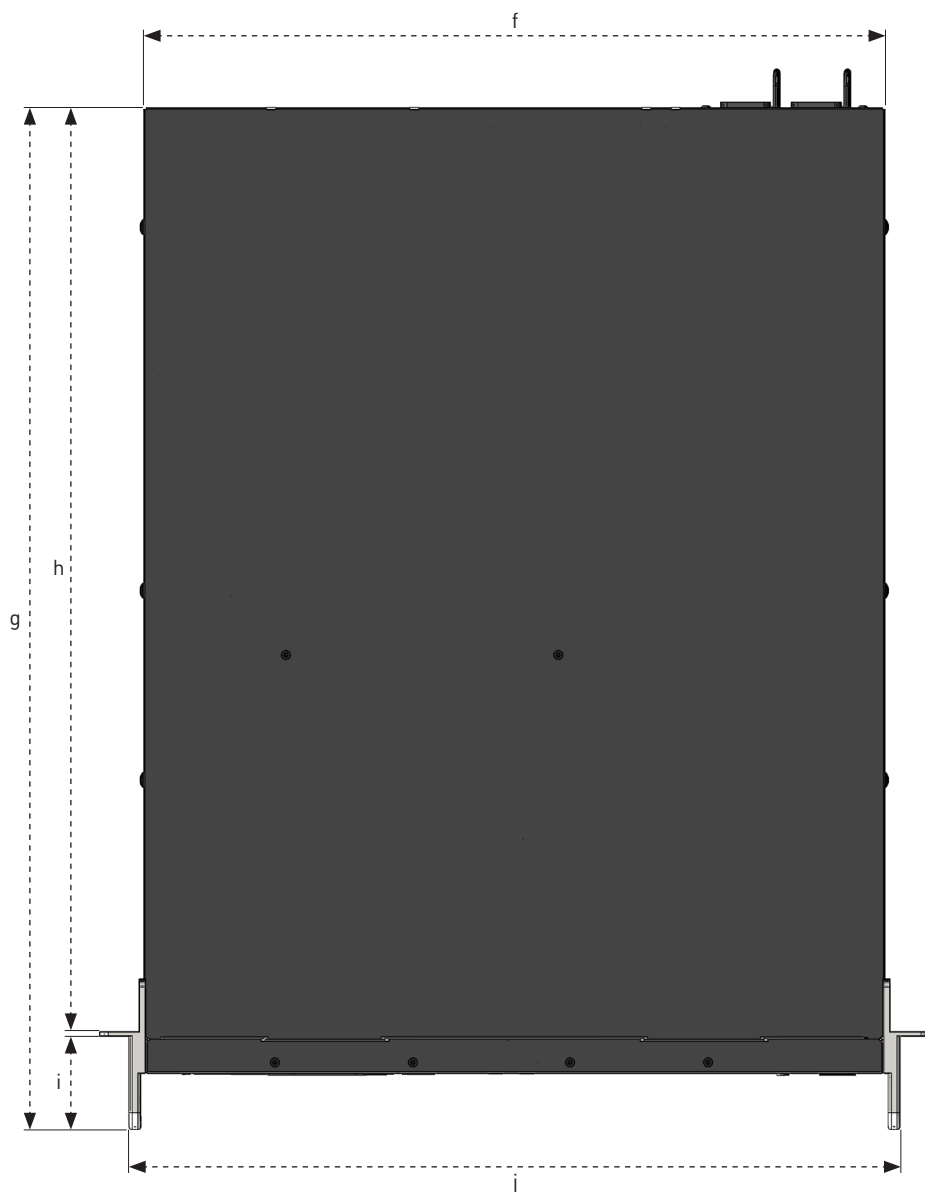


rear view with XF32-4D-SATA+ option

Chassis Dimensions



	mm	in
a	481.00	18.94
b	465.20	18.31
c	88.20	3.47
d	44.45	1.75
e	21.48	0.85
f	427.40	16.83
g	666.00	26.22
h	607.00	23.90
i	54.00	2.13
j	447.00	17.60



Power Supply

The power supply^(a) is redundant^(b) and hot-swappable^(c).

Specifications :

AC input : 100-240V, 50-60Hz, 12-6A

DC output : 850W (MAX)

(a) ROHS compliant

(b) If one module fails, the remaining module will provide enough power to the server.

(c) One module can be changed when the server is running, as long as the other module is still powered.

Note: In case of failure, please order a new PSU directly from EVS. If you order one housing, it will also include two modules.

Hardware & Operating System

Motherboard : Dual CPU

CPU : 2x 8-Core CPU at 2.1 GHz with HyperThreading

RAM : 64 GB DDR4 ECC 2400

Storage :

- 1x 256 GB SSD (SATA, 2.5", enterprise class) for operating system
- 2x 2 TB HDD (SATA, 3.5") - removable trays, hot swappable drives

with **XF32-4D-RAID+** option

+ 8x 1.2 TB HDD (SAS, 2.5") - RAID5, removable trays, hot swappable drives

with **XF32-4D-SATA+** option

+ 2x 2 TB HDD (SATA, 3.5") - removable trays, hot swappable drives

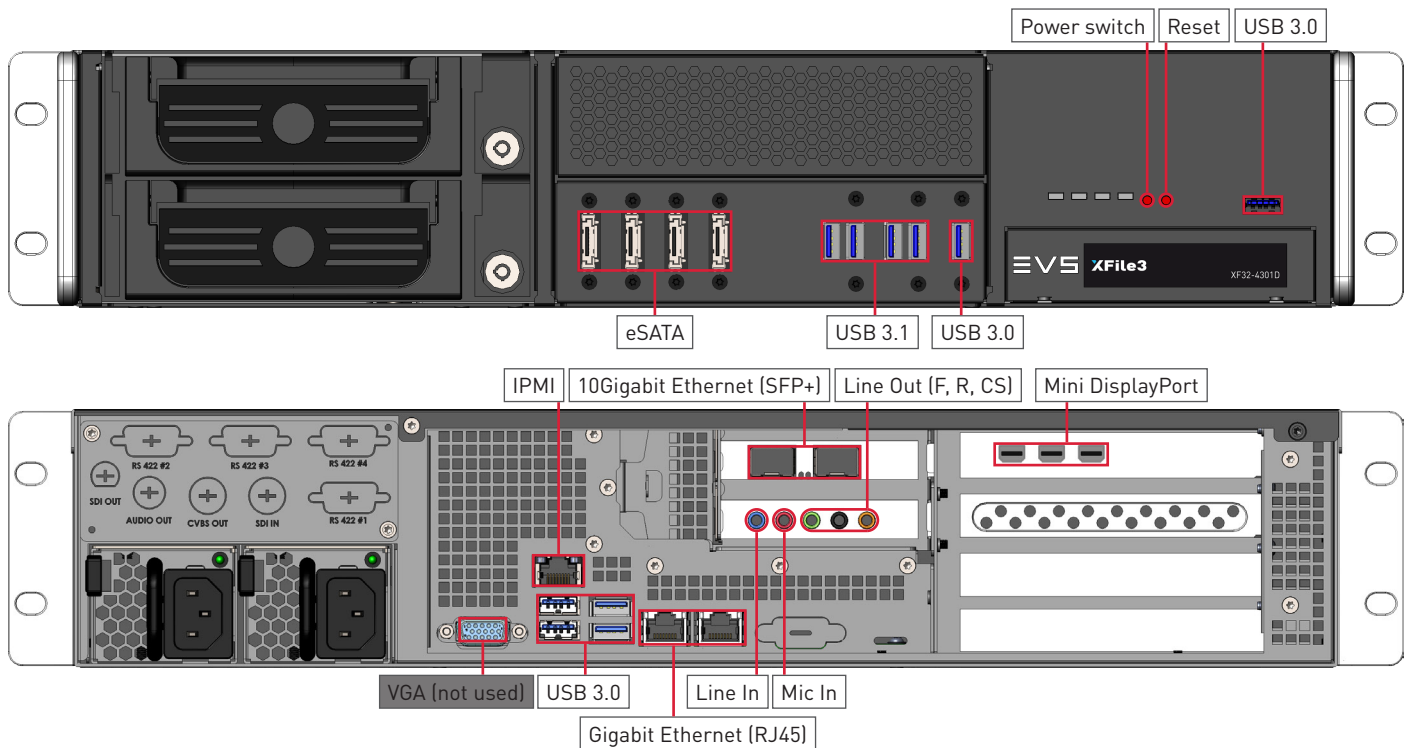
OS : Windows 7 Pro (64 bits) or Windows 10 Enterprise LTSB (64 bits)

I/Os

1x VGA (not used)
 3x Mini DisplayPort
 1x IPMI
 2x Gigabit Ethernet ports (RJ45)(JFC^(*))
 2x 10-Gigabit Ethernet ports (SFP+)(JFC)
 1x Line In
 1x Mic In
 1x Line Out (front, rear, center/sub)
 4x USB 3.1 ports (Type-A)

△ None with **XF32-4D-RAID+** or **XF32-4D-SATA+** option
 6x USB 3.0 ports (Type-A)
 △ Only 5 ports with **XF32-4D-RAID+** or **XF32-4D-SATA+** option
 4x eSATA ports
 △ No eSATA ports with **XF32-4D-RAID+** or **XF32-4D-SATA+** option

(*) JFC : Jumbo Frame Capable



Storage Configuration

According to the storage option, the drives will be configured as shown below.

