

Elemental Live 3rd-Party Hardware Qualification Guide

PURPOSE

This guide describes third-party hardware that is qualified to run AWS Elemental Live software installed on a physical machine.

GENERAL REMARKS

A third-party hardware platform is considered to be qualified if:

- ◆ AWS Elemental Live software installs and runs on the hardware our using custom built operating system (Elemental kickstart image)
- ◆ Hardware has passed AWS Elemental's in-house performance testing process

Limitations

Elemental cannot guarantee performance of the software. Core components on the hardware, such as CPU, Drives, Memory, BIOS configuration, should not prevent the software from running, but they may affect performance. Items that may affect the ability for AWS Elemental software to install or run correctly include but are not limited to changes from tested storage and Ethernet controllers.

Software Versions

As of AWS Elemental Live software version 2.26.1 GA and above, the following platforms are qualified.

Supported Platforms

Dell Precision 3460, 3260 Compact and Optiplex

- **Summary**

Onboard 1x 1GbE RJ45

AJA KONA1 1x 3G-SDI IN, 1x 3G-SDI OUT, 1x LTC

- **Minimum Specifications**

CPU 13th Gen Intel(R) Core(TM) i5-13400 or better

Memory 16 GB (2x 8 GB DDR5) or better

Storage SDD or better

PCIe Slot* For AJA KONA1 Short Ingest card (KONA 1-S)

**3260 requires GPU-enablement for PCIe riser to be included*

- **Tested Controllers**

SATA controller: Intel Corporation Alder Lake-S PCH SATA Controller [AHCI Mode] (rev 11)

Ethernet controller: Intel Corporation Ethernet Connection (17) I219-LM (rev 11)



Elemental Live 3rd-Party Hardware Qualification Guide

Continued Supported Platforms

Minisforum MS-01

- **Summary**

S1390 Model

Onboard 2x 2.5GbE RJ45, 2x 10G SFP+ Ports

AJA KONA1 1x 3G-SDI IN, 1x 3G-SDI OUT, 1x LTC



- **Minimum Specifications**

CPU 13th Gen Intel(R) Core(TM) i9-13900H

Memory 32 GB RAM or better

Storage SDD or better

PCIe Slot* For AJA KONA1 Short Ingest card (KONA 1-S)

**Backplate requires removal to install KONA card*