NETWORK AUDIO CARDS

ALP-AES67 Range
Sound cards

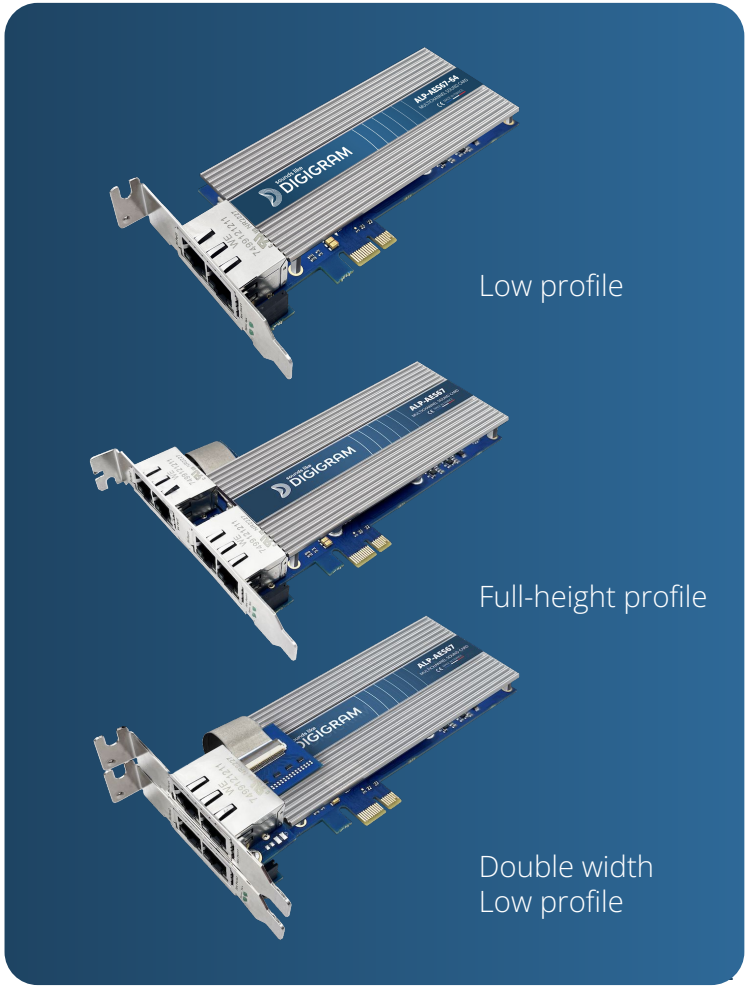
MADE IN FRANCE

INTERNAL & PARTNERS USAGE - FULLY CONFIDENTIAL - NON-SHAREABLE

DIGIGRAM

Seamless integration is key.

- Low profile PCI Express™ x1
  (x2, x4, x8, x16 compatible)
- Compatible Windows or Linux
- 3 versions: Low profile, Double width low-profile & Full height profile



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Why choose an ALP card for AES67 rather than a compatible DANTE card?

- Full compliance with **AES67**, **RAVENNA** and **ST2110-30** (Level A, AX, B, BX, C, CX), **ST2022-7** Class A, B, C, D
- **ST2022-7** Class D : Full support of **redundancy** -> reinforce your system with the capability to manage a redundant network
- Full support of **Out of Band management** -> reinforce the security of the network infrastructure and secure your management network (*independent of the AoIP network*).

→ these features are not accessible with AES67 compatible DANTE cards

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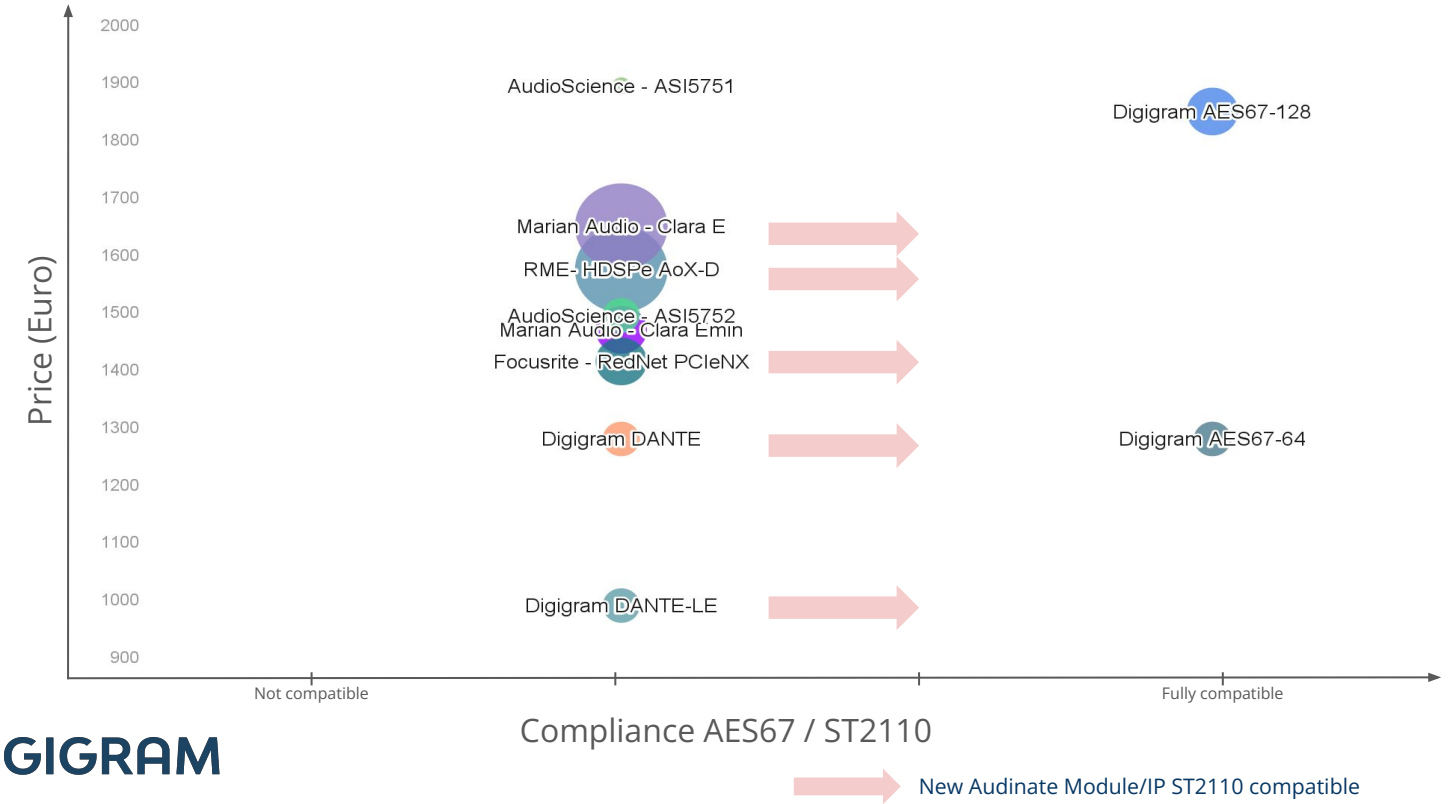
Competition positioning.



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Competition technical comparison.

	MarianAudio Clara E	Marian Clara Emin	Marin Clara Emin+	Focusrite	AUDIOSCIENCE ASI5751	AUDIOSCIENCE ASI5752	RME HDSPe AoX-D	ALP-AES67-64	ALP-AES67-128
Price (excl. tax)	1950€ TTC	1763 € TTC	1880€ TTC /	1590 € TTC	1895$	1495$	1890€ TTC	1 280€	1850€
Bus format	PCIe 4x				PCIe 1x		PCIe 4x	PCIe 1x	
Form factor	Standard height				Low profile		Standard height	Low profile	
Fanless	Yes			No	Yes	Yes	Yes	Yes	Yes
N# of I/Os at 48 kHz	512 x 512	128 x 128			32 x 32	64 x 64	256 x 256	64 x 64	128 x 128
Other I/Os possbilities	128 x 128 at 192 kHz			256x256 at 96 kHz 128x128 at 192 kHz					
Nb Eth ports	2	2	2	2	2	2	2	2 or 4	2 or 4
AES67 Compliance	Partial	Partial	Partial	Partial	Partial	Partial	Partial	**Yes**	**Yes**
ST2110-30 compliance	Future	Future	Future	Future			Future	**Yes**	**Yes**
ST2022-7 compliance	-	-	-	-	-			**Yes**	**Yes**
Number of streams	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32		64 x 64	64 x 64
On-board Mixer	64 x 8	32 x 8	32 x 8		Yes	Yes	Yes	-	-
Wordclock I/O	Via pptional extension card		Via optional extension card					Yes	Yes
Windows	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Linux	Yes	Yes	Yes		Yes	Yes		Yes	Yes
Mac OS	Yes	Yes (32 channels)		Yes			Yes		
Multicard drivers	Yes (Sync via TDM bus)		Yes (Sync via TDM bus)					Yes	Yes
Warranty	5 years	5 years	5 years	3 years	3 years	3 years		2 years	2 years

The AES67 range.

	ALP-AES67-64	ALP-AES67-128
AoIP i/o channels (recording/playout channels)	64 / 64 at 44.1 / 48 kHz 32 / 32 at 88.2 and 96 kHz 16 / 16 at 176.4 and 192 kHz	128 / 128 at 44.1 / 48 kHz 64 / 64 at 88.2 and 96 kHz 32 / 32 at 176.4 and 192 kHz
AoIP I/O streams	max 64 / 64	
Eth ports	2 or 4 (redundant mode or switch mode)	
AoIP technology	• Compliant with AES67, RAVENNA, ST2110-30 (Level A, B, C), ST2022-7 Class D • In-band or out of band management	
Control	• Applications: Aneman & MTDiscovery (Merging Technologies) • API: NMOS IS=04 & IS=05 (Discovery & Registration, Connection management)	
Digigram Reference	VB2436A0101	VB2436A0201

RAVENNA
AES67 & ST 2110 built-in

SMPTE ST 2110-30
ST 2022-7

ALP-AES67.

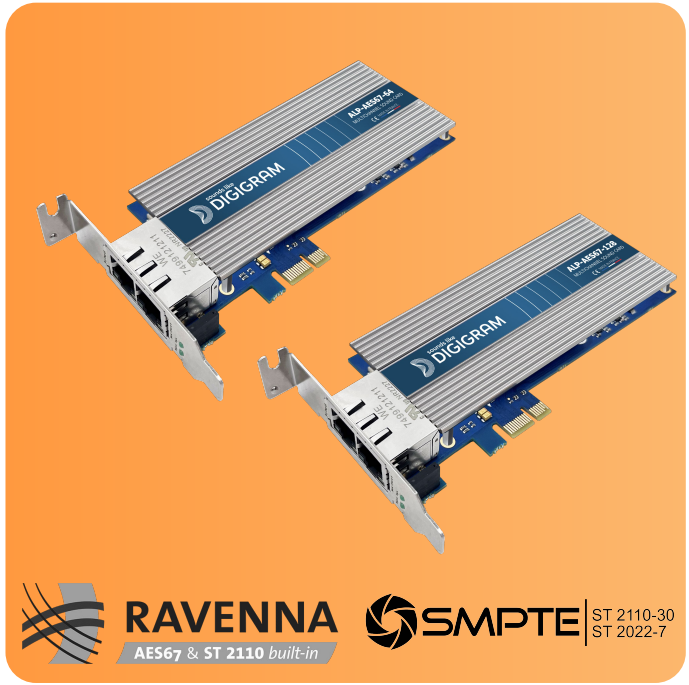
Cards compliant with AES67, Ravenna, ST2110-30 and ST2022-7 tech.

FEATURES

- Configurable in a 2-Eth port or 4-Eth port version
- Up to 64 channels or 128 channels in input and output
- Up to 64 IP streams
- Support for ST2022-7 redundancy mode or switch mode
- Support for NMOS IS-O4 and IS-O5
- Support for "in-band" or "out of band" management
- Dante interoperability via stream announcement in SAP
- Configuration: WEB GUI, Aneman and MTDiscovery

Available in 2 versions:

- **ALP-AES67-64:** 64 input channels and 64 output channels
- **ALP-AES67-128:** 128 input channels and 128 output channels



DIGIGRAM

Made for mission-critical applications.

Rock-solid & Life-long

Hiccup free reliability

Seamless integration

Pristine sound quality

Compactness

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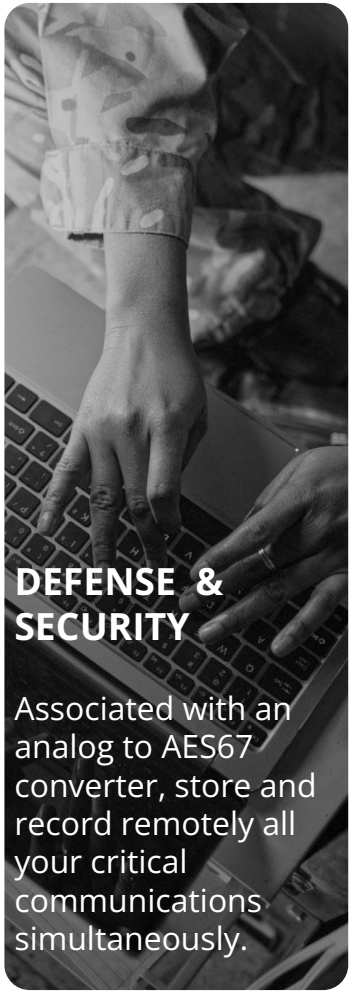
Integrate a Sound Card Compliant with AES67 technology.

Use cases examples

BROADCAST RADIO & TV

Provides reliable ST2110 connectivity to workstations and playout and recording servers.



DEFENSE & SECURITY

Associated with an analog to AES67 converter, store and record remotely all your critical communications simultaneously.

LIVE ENTERTAINMENT

Gives robust high channel count AES67 connectivity to immersive sound processors and multichannel recorders.

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Well-thought-out companions.

Multicard and multiclient drivers for Windows and Linux

Windows

- Intuitive app for the management of cards parameters: **ALP-X Manager**
- From Windows 10 & Windows Server 2019
- APIs: Wasapi/Directsound, ASIO
- **Control panels**: ALP-X Manager, ALP-X ASIO

Linux

- Ubuntu 20 & 22 & 23, Debian 10 & 11, CentOS 9
- APIs: Alsa, Libgpio for GPIOs
- **Full control of the I/O settings** and embedded mixer via Alsa controls
  (except for AoIP cards)

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Thank you!

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