



EM®-Ready Products - Equipment Work Best with EMX

Speakers, Sound Cards and everything else

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Overview

Thank you for selecting Siremix's EMX product, EMX is software implementation of Siremix's proprietary patented sound technology called Endpoint Mixing®. Sound card and Speakers are required to produce sound using the Endpoint Mixing® sound reproduction method. Therefore this document is being created to provides customer a Buyer's Guide to different "sound card + speakers" combinations. We had thoroughly tested each and are confident to recommend to you as our "liked" EMX companions.

As a matter of fact, just like every sound system they largely varies by sound quality, power level, size, brand, make and price. Regarding possible environments being used, there are three main types, use on top of a table (commonly together with a computer screen as we are in the digital age), use as a pure sound system, or use alongside a TV, or as the sound system for a home theater. For commercial use such as restaurant, hotel, karaoke, cinema, and concert, this document can serve as a reference for audio professionals to adjust to higher power level by themselves, but recommendations of actual speakers are not provided at this time.

Before you place an order, please make sure any suitable existing sound cards and/or speakers are being considered, 5.1 / 7.1 on board sound card is commonly available inside a desktop computer, and pre-exist speakers are good start to try out even the front and back speaker are not same brand and model number, the 3D effect and sound enhancement may still be experienced and obvious, but to get a fresh and assured quality experience please use one of the speaker set recommended in this guide or two stereo speakers of your choice ideally same brand and model number.

This document is a living document please come back and check for updated information, and please feel free to comment the document and we will incorporate them into the document to make it better.

Enjoy great sound!

Moses Wong
CEO & Founder
Siremix GmbH

Logitech® Z607 Desktop Speaker System

The following table summarizes the procurement list of equipment that can be added to a Windows® PC running Siremix's EMX software. They are all the necessary PC add-on hardware for building an Endpoint Mixing® sound system. All products are available online from the perspective of Germany, and they are generally available in all countries outside Germany which can be easily purchased from an e-commerce website such as Amazon, Taobao. If any of these products is not available in your region, please find similar product(s) base on the product specifications. Note that accessories such as cable(s), convertor(s), fixing(s), and speaker stand(s) are not covered in this list.

Option A								
Sound Blaster® Omni 5.1 Sound Card + Logitech® Z607								
#	Brand	Model	Usage	Official Website	Where to buy online	Unit Price in Euros	Unit(s) to Buy	Total Price in Euros
1	Creative® Technologies	Sound Blaster® Omni Surround 5.1	External sound card	https://de.creative.com/p/sound-blaster	Amazon Search "Sound Blaster Omni Surround 5.1"	€61.90	1	€61.90
2	Logitech®	Z607 5.1 Surround Sound Speaker	5.1 Speaker	https://www.logitech.com/de-de	Amazon Search "Z607 5.1 Surround Sound Speaker"	€119.00	1	€119.00
							Total Price:	€180.90

Option B								
Logilink 7.1 Sound Card + Logitech® Z607								
#	Brand	Model	Usage	Official Website	Where to buy online	Unit Price in Euros	Unit(s) to Buy	Total Price in Euros
1	Logilink	Logilink USB 7.1 Sound Card (base on C-Media CM6206 audio chip inside)	External sound card	https://de.creative.com/p/sound-blaster	https://www.amazon.de/-/en/Logilink-USB-2-0-Channel-Sound/dp/B003YFVN3Q/ref=sr_1_1?dchild=1&keywords=logilink+7.1&qid=1612691612&sr=8-1	€25.35	1	€25.35
2	Logitech®	Z607 5.1 Surround Sound Speaker	5.1 Speaker	https://www.logitech.com/de-de	Amazon Search "Z607 5.1 Surround Sound Speaker"	€119.00	1	€119.00
							Total Price:	€144.35

- Notes**
- 1) Best for use on top of a table.
 - 2) High performance/price ratio.
 - 3) Sound really great! Suited gamers, audiophiles, music and video producers, home theater and general PC users.

Dayton+Lepy+Mivoc(DLM) Home Theater Speaker System

The following table summarizes the procurement list of equipment that can be added to a Windows® PC running Siremix's EMX software. They are all the necessary PC add-on hardware for building an Endpoint Mixing® sound system. All products are available online from the perspective of Germany, and they are generally available in all countries outside Germany which can be easily purchased from an e-commerce website such as Amazon, Taobao. If any of these products is not available in your region, please find similar product(s) base on the product specifications. Note that accessories such as cable(s), convertor(s), fixing(s), and speaker stand(s) are not covered in this list.

Option A								
Sound Blaster® Omni 5.1 Sound Card + DLM								
#	Brand	Model	Usage	Official Website	Where to buy online	Unit Price in Euros	Unit(s) to Buy	Total Price in Euros
1	Creative® Technologies	Sound Blaster® Omni Surround 5.1	External sound card	https://de.creative.com/p/sound-blaster	Amazon Search "Sound Blaster Omni Surround 5.1"	€61.90	1	€61.90
2	Lepy	LP-168 Plus	2 of Amplifiers - 1 for front speaker, 1 for back speaker	http://www.lepy.com.cn/ --- https://lepai0663.1688.com/	Amazon Search "Lepy LP 168 Plus" --- https://www.amazon.de/DollaTek-LP-168-Bluetooth-Digital-Verst%C3%A4rker/dp/B07DJ4WZR?ref=sr_1_35	€49.99	2	€99.98
3	Dayton Audio	B652-AIR 6-1/2" 2-Way Bookshelf Speaker with AMT Tweeter Pair	Front speaker	https://soundimports.eu/	https://www.soundimports.eu/de/dayton-audio-b652-air.html	€89.95	1	€89.95
4	Dayton Audio	B652 6-1/2" 2-Way Bookshelf Speaker Pair	Back speaker	https://soundimports.eu/	https://www.soundimports.eu/de/dayton-audio-b652.html	€64.95	1	€64.95
5	Mivoc	Hype 10 G2 HiFi Subwoofer	Active subwoofer	https://www.mivoc.com/gs/index.php	Amazon Search "Mivoc Hype 10 G2 HiFi Subwoofer, 300 W"	€149.00	1	€149.00
							Total Price:	€465.78

Option B								
Logilink 7.1 Sound Card + DL								
#	Brand	Model	Usage	Official Website	Where to buy online	Unit Price in Euros	Unit(s) to Buy	Total Price in Euros
1	Logilink	Logilink USB 7.1 Sound Card (base on C-Media CM6206 audio chip inside)	External sound card	https://de.creative.com/p/sound-blaster	https://www.amazon.de/-/en/LogiLink-USB-2-0-Channel-Sound/dp/B003YFVN3Q?ref=sr_1_1?dchild=1&keywords=logilink+7.1&qid=1612691612&sr=8-1	€25.35	1	€25.35
2	Lepy	LP-168 Plus	2 of Amplifiers - 1 for front speaker, 1 for back speaker	http://www.lepy.com.cn/ --- https://lepai0663.1688.com/	Amazon Search "Lepy LP 168 Plus" --- https://www.amazon.de/DollaTek-LP-168-Bluetooth-Digital-Verst%C3%A4rker/dp/B07DJ4WZR?ref=sr_1_35	€49.99	2	€99.98
3	Dayton Audio	B652-AIR 6-1/2" 2-Way Bookshelf Speaker with AMT Tweeter Pair	Front speaker	https://soundimports.eu/	https://www.soundimports.eu/de/dayton-audio-b652-air.html	€89.95	1	€89.95
4	Dayton Audio	B652 6-1/2" 2-Way Bookshelf Speaker Pair	Back speaker	https://soundimports.eu/	https://www.soundimports.eu/de/dayton-audio-b652.html	€64.95	1	€64.95
							Total Price:	€280.23

Notes

- 1) Use of speaker stands is recommended.
- 2) Best for use along a TV or Home Theater.
- 3) High performance/price ratio
- 4) Sound really great! Suited audiophiles, gamers, home theater and general use.

Edifier HiFi and Home Theater System

The following table summarizes the procurement list of equipment that can be added to a Windows® PC running Siremix's EMX software. They are all the necessary PC add-on hardware for building an Endpoint Mixing® sound system. All products are available online from the perspective of Germany, and they are generally available in all countries outside Germany which can be easily purchased from an e-commerce website such as Amazon, Taobao. If any of these products is not available in your region, please find similar product(s) base on the product specifications. Note that accessories such as cable(s), convertor(s), fixing(s), and speaker stand(s) are not covered in this list.

Option A									
Sound Blaster Omni 5.1 Sound Card + Edifier R1280T + Optional Subwoofer									
#	Brand	Model	Usage	Official Website	Where to buy online	Unit Price in Euros	Unit(s) to Buy	Total Price in Euros	Remarks
1	Creative® Technologies	Sound Blaster® Omni Surround 5.1	External sound card	https://de.creative.com/p/sound-blaster	Amazon Search "Sound Blaster Omni Surround 5.1"	€61.90	1	€61.90	
2	Edifier	R1280T	2 of Active Stereo Speakers - 1 for front speaker, 1 for back speaker	https://www.edifier.com/	Amazon Search "Edifier R1280T"	€77.00	2	€154.00	
								Total Price:	€215.90
3	Mivoc	Hype 10 G2 HiFi Subwoofer	Active subwoofer	https://www.mivoc.com/gs/index.php	Amazon Search "Mivoc Hype 10 G2 HiFi Subwoofer, 300 W"	€149.00	1	€149.00	OPTIONAL
								Total Price including the optional item:	€364.90

Option B									
Logilink 7.1 Sound Card + Edifier R1280T + Optional Subwoofer									
#	Brand	Model	Usage	Official Website	Where to buy online	Unit Price in Euros	Unit(s) to Buy	Total Price in Euros	Remarks
1	Logilink	Logilink USB 7.1 Sound Card (base on C-Media CM6206 audio chip inside)	External sound card	https://de.creative.com/p/sound-blaster	https://www.amazon.de/-/en/Logilink-USB-2-0-Channel-Sound/dp/B003YFVN3Q/ref=sr_1_1?dchild=1&keywords=logilink+7.1&qid=1612691612&sr=8-1	€25.35	1	€25.35	
2	Edifier	R1280T	2 of Active Stereo Speakers - 1 for front speaker, 1 for back speaker	https://www.edifier.com/	Amazon Search "Edifier R1280T"	€77.00	2	€154.00	
								Total Price:	€179.35
3	Mivoc	Hype 10 G2 HiFi Subwoofer	Active subwoofer	https://www.mivoc.com/gs/index.php	Amazon Search "Mivoc Hype 10 G2 HiFi Subwoofer, 300 W"	€149.00	1	€149.00	OPTIONAL
								Total Price including the optional item:	€328.35

Notes:

- 1) Use of speaker stands is recommended.
- 2) Best for use along a TV or Home Theater.
- 3) High performance/price ratio
- 4) Sound excellence! Suited audiophiles, gamers, home theater and general use.
- 5) Optional subwoofer is recommended for lover of boom and rock, gamers and watching movies, and the bottom frequency response of Edifier R1280T is 75 Hz.

Steljes HiFi and Home Theater System

The following table summarizes the procurement list of equipment that can be added to a Windows® PC running Siremix's EMX software. They are all the necessary PC add-on hardware for building an Endpoint Mixing® sound system. All products are available online from the perspective of Germany, and they are generally available in all countries outside Germany which can be easily purchased from an e-commerce website such as Amazon, Taobao. If any of these products is not available in your region, please find similar product(s) base on the product specifications. Note that accessories such as cable(s), convertor(s), fixing(s), and speaker stand(s) are not covered in this list.

Sound Blaster Omni 5.1 Sound Card + Steljes NS3 + Optional Subwoofer

#	Brand	Model	Usage	Official Website	Where to buy online	Unit Price in Euros	Unit(s) to Buy	Total Price in Euros	Remarks
1	Creative® Technologies	Sound Blaster® Omni Surround 5.1	External sound card	https://de.creative.com/p/sound-blaster	Amazon Search "Sound Blaster Omni Surround 5.1"	€61.90	1	€61.90	
2	Steljes	NS3 - powered loudspeakers bookshelf speakers stereo system 45W RMS 60Hz to 20kHz	2 of Active Stereo Speakers - 1 for front speaker, 1 for back speaker	http://www.steljesaudio.co.uk/	https://www.amazon.co.uk/Steljes-Subwoofer-Compatible-Bluetooth-wirelessly/dp/B077YLLHQH/ref=sr_1_2	€223.00	2	€446.00	
							Total Price:	€507.90	
3	Mivoc	Hype 10 G2 HiFi Subwoofer	Active subwoofer	https://www.mivoc.com/gs/index.php	Amazon Search "Mivoc Hype 10 G2 HiFi Subwoofer, 300 W"	€149.00	1	€149.00	OPTIONAL
							Total Price including the optional item:	€656.90	

Notes

- 1) Use of speaker stands is recommended.
- 2) Best for use along a TV or Home Theater.
- 3) High performance/price ratio
- 4) Sound excellence! Suited audiophiles, gamers, home theater and general use.
- 5) Optional subwoofer is recommended for lover of boom and rock, gamers and watching movies, because the bottom frequency response of Steljes NS3 is 60 Hz and is strong and loud.
- 6) Steljes NS3 is rated as one of the best active stereo speakers by What HiFi magazine.

Equipment

Other Options

Sound Card Alternatives

As a matter of fact, we highly recommend Sound Blaster® Omni 5.1 sound card, it score highest in our list for all factors we look at, top tier signal-level sound quality, most compatible with EMX after hundreds of hours of continue usage, stylish, good finishing, reputable brand, and medium price range. As an USB sound card you can easily plug-and-play and it is ready to be ported to other computer, and last but not least, using its high quality top volume control add extra convenience to the overall user experience.

The alternatives includes Logilink USB 7.1 sound card, or any quality product which use the same C-Media 7.1 audio chip, for this specific product the chip used is CM6206. Logilink USB 7.1 sound card has less detail and lower frequency response, but it is lower cost then Omni. And finally, we also recommend to use any good quality external USB sound card too.

Speakers Alternatives

Besides Logitech®, Dayton, Edifier, and Steljes; we also recommend the following speakers, they are active speakers for convenience sake. Although passive speakers with amplifier can also be used like an active speaker, active speaker can save you some space, cables, and setup effort. In the next session we listed out all common active speaker products available on the market, as they are not tested in our lab, we select them merely base on brand, rating, reviews, speaker design, and specifications. I hope you will find the best product that suit you!

Active Speakers Alternatives

*** All prices in Euros

Brand Name	Model Number	Price, Base	Price, Hi	Product Name	Useful links
Edifier	R1280T	77		Edifier R1280T	https://www.edifier.com/int/en/speakers/studio-1280t-2.0-powered-bookshelf
Jamo	S801 PM	179	313	Jamo S801 PM	https://www.ideal.de/preisvergleich/OffersOfProduct/7003328_-s801-pm-jamo.html
Canton	AM 5	193	738	Canton AM 5	https://www.ideal.de/preisvergleich/OffersOfProduct/4352108_-am-5-canton.html
Quadral	Breeze Blue L.	219		Quadral Breeze Blue L.	https://www.ideal.de/preisvergleich/OffersOfProduct/6340169_-breeze-blue-l-quadral.html
Steljes	NS3	223		Steljes NS3	https://www.steljesaudio.co.uk/docs/products/NS3.shtml
Kanto	YU4	275		Kanto YU4	https://www.kantoaudio.com/powerd-speakers/yu4/
Magnat	Multi Monitor 220	289	511	Magnat Multi Monitor 220	https://www.ideal.de/preisvergleich/OffersOfProduct/5951940_-multi-monitor-220-magnat.html
Audioengine	A2 +	299		Audioengine A2 +	https://audioengineusa.com/shop/wireless-speakers/a2-wireless-computer-speakers/
Klipsch	R-14PM	299		Klipsch R-14PM	https://www.ideal.de/preisvergleich/OffersOfProduct/5964054_-r-14pm-klipsch.html
Numan	Retrospective 1978 Active	329	379	Numan Retrospective 1978 Active	https://www.ideal.de/preisvergleich/OffersOfProduct/5500183_-retrospective-1978-active-numan.html
Dali	Zensor 1 AX	335	599	Dali Zensor 1 AX	https://www.ideal.de/preisvergleich/OffersOfProduct/4844676_-zensor-1-ax-weiss-dali.html
Dynaudio	Excite X14A	394		Dynaudio Excite X14A	https://www.ideal.de/preisvergleich/OffersOfProduct/4955652_-excite-x14a-dynaudio.html
Klipsch	R-51PM	399	599	Klipsch R-51PM	https://www.ideal.de/preisvergleich/OffersOfProduct/6422854_-r-51pm-klipsch.html
Klipsch	R-15PM	399		Klipsch R-15PM	https://www.ideal.de/preisvergleich/OffersOfProduct/4958423_-r-15pm-klipsch.html
Teufel	Effect	399	404	Teufel Effect	https://www.ideal.de/preisvergleich/OffersOfProduct/6481432_-effekt-teufel.html
Dynaudio	Xeo 2	416	1300	Dynaudio Xeo 2	https://www.ideal.de/preisvergleich/OffersOfProduct/4961627_-xeo-2-dynaudio.html
Audioengine	HD6	445	848	Audioengine HD6	https://www.ideal.de/preisvergleich/OffersOfProduct/5572887_-hd6-audioengine.html
Elac	AM 200	486	599	Elac AM 200	https://www.ideal.de/preisvergleich/OffersOfProduct/5252173_-am-200-elac.html
Dynaudio	Xeo 3	495		Dynaudio Xeo 3	https://www.ideal.de/preisvergleich/OffersOfProduct/3198497_-xeo-3-dynaudio.html
Dali	Oberon 1 C	499	1023	Dali Oberon 1 C	https://www.ideal.de/preisvergleich/OffersOfProduct/200890260_-oberon-1-c-dali.html
Audioengine	A5 +	549	551	Audioengine A5 +	https://www.ideal.de/preisvergleich/OffersOfProduct/4479835_-a5-audioengine.html
Klipsch	RP-140WM	624	1250	Klipsch RP-140WM	https://www.ideal.de/preisvergleich/OffersOfProduct/5036927_-rp-140wm-klipsch.html
Dynaudio	Xeo 4	690	1700	Dynaudio Xeo 4	https://www.ideal.de/preisvergleich/OffersOfProduct/4840795_-xeo-4-weiss-dynaudio.html
Dynaudio	Xeo 10	731	1462	Dynaudio Xeo 10	https://www.ideal.de/preisvergleich/OffersOfProduct/6767679_-xeo-10-dynaudio.html
Wharfedale	Diamond A1	798	799	Wharfedale Diamond A1	https://www.ideal.de/preisvergleich/OffersOfProduct/5555720_-diamond-a1-wharfedale.html
Klipsch	The Fives	799	899	Klipsch The Fives	https://www.ideal.de/preisvergleich/OffersOfProduct/200496242_-the-fives-klipsch.html
Klipsch	The Sixes	799	899	Klipsch The Sixes	https://www.ideal.de/preisvergleich/OffersOfProduct/5501226_-the-sixes-klipsch.html
Tannoy	Revolution XT6	799		Tannoy Revolution XT6	https://www.ideal.de/preisvergleich/OffersOfProduct/4878215_-revolution-xt6-tannoy.html
Teufel	Stereo M	964		Teufel Stereo M	https://www.ideal.de/preisvergleich/OffersOfProduct/5755405_-stereo-m-teufel.html
KEF	LSX	998		KEF LSX	https://www.ideal.de/preisvergleich/OffersOfProduct/6403752_-lsx-kef.html
Elac	Navis ARB-51	999		Elac Navis ARB-51	https://www.ideal.de/preisvergleich/OffersOfProduct/6553571_-navis-arb-51-elac.html
KEF	LS50 Wireless	1425	2299	KEF LS50 Wireless	https://www.ideal.de/preisvergleich/OffersOfProduct/5447350_-ls50-wireless-hochglanz-schwarz-blau-kef.html
Dali	Rubicon 2 C	1949	2009	Dali Rubicon 2 C	https://www.ideal.de/preisvergleich/OffersOfProduct/200589510_-rubicon-2-c-dali.html
Q Acoustics	Q Active 200	1999	2458	Q Acoustics Q Active 200	https://www.ideal.de/preisvergleich/OffersOfProduct/200991010_-q-active-200-q-acoustics.html

Active Speaker Alternatives

