

Steinberg Cubase SE

New Product Guide
February 2004



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Cubase SE

Tagline

“Music Creation and Production System”

Positioning Statement

“Cubase SE offers established and familiar Cubase SX quality at a new entry-level price point. With up to 48 Audio- and unlimited MIDI tracks, Cubase SE is the perfect cross-platform starting point for any home-recording studio, small-project studio or pre-production/editing room. At only 128.00 €, Cubase SE sets a new standard for budget-oriented music production.”

Product Summary

Cubase SE is a powerful music software workstation at a very attractive price point. It offers all the key-functions for recording, editing and mixing which are known from Steinberg's family of Cubase products:

- 48 audio tracks with unlimited MIDI tracks
- Professional 24-bit/96 kHz audio resolution
- Mac/PC cross-platform compatible
- VST System Link and ReWire 2 compatible
- Includes complete set of audio and midi effects plugins
- Supports up to 16 VST instruments
- Offers up to 5 insert effects per channel plus 8 send effects
- Compatible with hundreds of VST professional instruments and effects
- Cubase SE offers the same advanced user interface and functionality as Cubase SL/SX and is fully upwards compatible

Cubase Versions Comparison

Feature	Cubase SE	Cubase SL	Cubase SX
Native audio - no additional DSP hardware required	x	x	x
Simultaneous playback of hundreds of audio tracks	48	x	x
Unlimited number of MIDI tracks	x	x	x
Physical Inputs/Outputs	8	128	256
Inserts	5	5	8
Group channels	8	128	256
FX channels	8	8	64
VST Instrument Slots	16	16	64
MIDI insert plugins	2	4	4
Rewire 2 support	x	x	x
Adaptive and configurable track mixer	o	o	x
Number of mixer views	1	2	3
Extended Mixer view	o	o	x
Automation modes	touch fader	touch fader	touch fader, x-over, outlatch, trim, overwrite
New VST 2.3 audio engine	o	x	x
Surround: True multichannel audio path	o	o	x
24-bit/96 kHz audio resolution	x	x	x
32-bit floating point audio resolution	o	x	x
Unlimited Undo and Redo functions	1	x	x
Offline Process History	single undo	for built-in audio processes	for built-in audioprocesses and all plug-ins
VST System Link	x	x	x
New Look & Feel	o	x	x
Configurable Toolbar & Track Controls	o	x	x
VST Connections Window	o	x	x
User-Definable window layouts	o	x	x
Project Browser	o	x	x
FX Return Channels	o	x	x
Video Thumbnail track and preview	x	x	x
Recording Modes: Mix, Overwrite, Normal, Merge, Stacked	excl. stacked	x	x
Editors: Key, Drum, List, SysEx, Score	x	x	x
Logical Editor	o	x	x
Audio/Tempo analysis and Audio/Groove analysis	x	x	x
Slice & Stretch for audio loops, automatic tempo matching	x	x	x
Professional Score layout and printing functions	o	o	x
Improved handling of multiple parts (audio and MIDI)	o	x	x
Musical Timebase	x	x	x
Linear Timebase	o	x	x
Soft Quantize	x	x	x
Time Warp Tool	o	x	x
Spectral Analysis	o	o	x
Statistics functions	o	o	x
Pitch Shifting/Time Stretching algorithm	3 modes	3 modes	3 modes plus MPEX
Dithering	Apogee UV22	Apogee UV22	Apogee UV22/UV22HR
User-definable macros	o	x	x
Pool import/export	o	x	x
Cubase VST 5.x song import	x	x	x
Freeze for VST Instruments	o	x	x
Hardware Controller Support	Houston, Generic + Tascam US-428/224 only	x	x
Supports LTB for high-precision MIDI Timing (w/ Midex 8)	x	x	x
MTC/MMC support	send MIDI clock only	x	x
CD audio grabbing	x	x	x
Full MP3 Fraunhofer Encoding	available as update	available as update	x
Windows Media WMA Pro surround encoding	o	o	x
A1, LM7, VB1 VST instruments included	x (no A1)	x	x

Target Customers

>> Music Beginner

Anyone interested in making music will find a perfect place to start in Cubase SE. This software is easy to install and supports any ASIO or Core Audio compatible interface hardware. Choosing Cubase SE means: being compatible with the world's most popular music sequencer from day one.

>> Pre production or editing suite

Existing Cubase SX users might want to have a second system to perform editing or to capture ideas on the road or from home. Projects started in Cubase SE can later be opened in Cubase SL/SX. Cubase SE is also VST System Link compatible and can be used in conjunction with Cubase SX/SL or Nuendo to expand system power across multiple computers.

>> Student/Teacher

Cubase SE is perfectly suited for educational use and includes everything needed for music lessons. Cubase SE offers all basic recording, mixing, editing and scoring tools found in Cubase SX/SL. (An Educational Version of Cubase SE is available.) It seamlessly integrates into larger systems with Cubase SL/SX – even across OS platforms - and is easier to learn than other software of its kind.

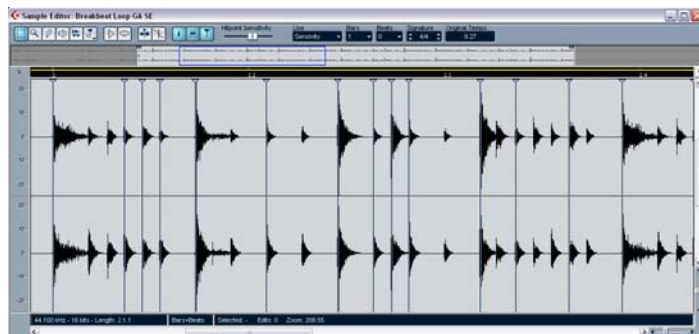
>> Cubase SX/VST System Link User

Cubase SX users with VST System Link capabilities (e.g. multiple computers equipped with suitable audio cards) will find many advantages in Cubase SE: another version of Cubase with its own license, which may be used to transfer CPU load to a separate system – connected via VST System Link.

Product Facts



Project Window with Inspector, Transport Bar, Channel Editor and VST Dynamics plugin.



Hitpoint markers in sample editor



Rewire Setup Panel (here with Ableton Live)

Included Virtual Instruments

- VB 1, LM 7, Universal Sound Module

Key Features & Benefits

Feature	Benefit
All the features you need for basic music production	Cubase SE comes with up to 48 tracks of audio and unlimited MIDI tracks. It runs up to 16 virtual instruments at the same time and offers a great selection of audio and MIDI plugins. Bottom line: Cubase SE includes everything anyone needs to get started.
Same user interface as Cubase SX/SL	Cubase is the world's leading music workstation software. Anyone who learns Cubase through Cubase SE will be able to work on any other version of Cubase. This makes Cubase SE the perfect entry-level software solution – also for educational institutions.
Professional sound quality	With 24-bit and up to 96 kHz resolution, even Cubase SE offers the same audio quality as today's top professional audio workstations. In other words: audio quality in Cubase is not a budget issue. Recordings made in Cubase SE can sound just as great as recordings made in workstations many times the price.
ReWire 2 Support	Cubase SE includes full ReWire support (master). It perfectly runs in sync with applications like Ableton Live or Propellerhead Reason.
VST System Link Support	Just like Cubase SL/SX, Cubase SE supports VST System Link. This allows linking of multiple computers to create a larger audio network. Audio can be fed from one computer to another and multiple sequencers can run in sample-accurate sync – using only a simple digital audio connection.
Hitpoint Detection / Groove Quantization	Cubase SE allows you to analyze drumloops, and create MIDI groove templates from any rhythmic pattern. This powerful feature is a great tool for any music producer, especially for dance and pop music.
Video Thumbnail Track and Video Window	If you like to create your own music for video, just import AVI or QuickTime movies into Cubase SE and produce your own soundtrack. Accurate to the frame and perfectly in sync with your picture.
Cross-platform and in-line compatibility	Cubase SE runs on both PCs and Macs – just like any other Steinberg VST Instrument or music workstation. First-time buyers, especially music beginners will likely start on the PC but might later want to upgrade to a Mac. The Cubase System is an open solution. Customers can freely decide which platform they want to use. Plus, at any point, the customer can upgrade to Cubase SL or Cubase SX – and simply continue working on any Cubase SE project.

System Requirements

Macintosh

Power Mac G4 450 MHz

256 MB RAM (512 MB recommended)

1GB of free hard disk space for complete content

OS X Version 10.2 or higher

CoreAudio compatible audio hardware

Windows

Pentium III 500 MHz or AMD K7 (P III / Athlon 1 GHz or faster recommended)

256 MB RAM (512 MB recommended)

1GB of free hard disk space for complete content

Windows 2000, Windows XP Home and XP Professional

Windows MME compatible audio hardware

ASIO compatible sound card recommended