

# Cubase Feature Comparison Chart



Feature	Cubase LE*	Cubase SE	Cubase SL	Cubase SX
Native audio - no additional DSP hardware required	x	x	x	x
Simultaneous playback of hundreds of audio tracks	48	48	x	x
Unlimited number of MIDI tracks	up to 64	x	x	x
Physical Inputs/Outputs	4	8	128	256
Inserts	2	5	5	8
Group channels	4	8	128	256
FX Send channels	4	8	8	64
FX Return Channels	o	o	x	x
VST Instrument Slots	8	16	32	64
MIDI insert plugins	o	2	4	4
Rewire 2 support	x	x	x	x
Adaptive and configurable track mixer	o	o	o	x
Number of mixer views	1	1	2	3
Extended Mixer view	o	o	o	x
Automation modes	touch fader	touch fader	touch fader	touch fader, x-over, autlatch, trim, overwrite
VST 2.3 audio engine	o	o	x	x
Surround: True multichannel audio path	o	o	o	x
24-bit/96 kHz audio resolution	x	x	x	x
32-bit floating point audio resolution	o	o	x	x
Unlimited Undo and Redo functions	last 10 steps	last 10 steps	x	x
Offline Process History	o	single undo	for built-in audio processes	for built-in audioprocesses and all plug-ins
VST System Link	x	x	x	x
Configurable Toolbar & Track Controls	o	o	x	x
VST Connections Window	o	o	x	x
Studio Connections (Integration of Yamaha Studio Manager)	o	o	o	x
New Workspaces (virtual desktops)	o	o	x	x
Project Browser	o	o	x	x
Video Thumbnail track and preview	x	x	x	x
Recording Modes: Mix, Overwrite, Normal, Merge, Stacked	excl. stacked	excl. stacked	x	x
Editors: Key, List, Basic Score Editor	x	x	x	x
Volume Envelopes	o	o	x	x
Drum Editor	o	x	x	x
Logical Editor	o	o	x	x
Inplace Editor (MIDI Editing in Project Window)	o	o	o	x
MIDI Devices (Device Maps and Editors)	o	o	o	x
Professional Score layout and printing functions	o	o	o	x
MIDI Step Recording	o	x	x	x
Play Order Track	o	o	x	x
Audio/Tempo analysis and Audio/Groove analysis	x	x	x	x
Slice & Stretch for audio loops, automatic tempo matching	x	x	x	x
Audio Warp (Realtime Timestretching + PitchShifting)	o	o	x	x
Improved handling of multiple parts (audio and MIDI)	o	o	x	x
Musical Timebase	x	x	x	x
Linear Timebase	o	o	x	x
Soft Quantize	x	x	x	x
Time Warp Tool	o	o	x	x
Spectral Analysis	o	o	o	x
Statistics functions	o	o	o	x
Pitch Shifting/Time Stretching algorithm	3 modes	3 modes	4 modes	4 modes +MPEX
Dithering	Apogee UV22	Apogee UV22	Apogee UV22	Apogee UV22/UV22HR
User-definable macros	o	o	x	x
Pool import/export	o	o	x	x
Cubase VST 5.x song import	x	x	x	x
Extended Freeze for VST Instruments and Audio Tracks	o	o	x	x
Hardware Controller Support	Houston, Generic, Tascam US-428/224, Mackie Universal+HUI only	Houston, Generic + Tascam US-428/224 only	x	x
Supports LTB for high-precision MIDI Timing (w/ Midex 8)	x	x	x	x
MTC/MMC support	send MIDI clock + receive MTC	send MIDI clock only	x	x
CD audio grabbing	x	x	x	x
Full MP3 Fraunhofer Encoding	available as update	available as update	available as update	x
Windows Media WMA Pro surround encoding	o	o	o	x
A1, LM7, VB1 VST instruments included	o	o	x	x
Monologue, Embracer & Tonic plugins included	o	o	o	x

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\* Cubase LE is OEM only