

Feature Comparison Chart



Feature	Cubase LE4	Cubase AI4	Cubase Essential 4.1	Cubase Studio 4.1	Cubase 4.1
Simultaneous playback of audio tracks	48	48	64	unlimited	unlimited
MIDI Tracks	up to 64	up to 64	unlimited	unlimited	unlimited
Physical Inputs/Outputs	8	16	32	128	256
Inserts	8	8	8	8	8
Group channels	256	256	256	256	256
FX Send channels	8	8	8	8	8
FX Return Channels	8	8	8	64	64
Instrument Tracks	8	16	unlimited	unlimited	unlimited
VST Instrument Slots	0	2	16	32	64
MIDI insert plugins	0	0	4	4	4
Number of mixer views	1	1	1	2	3
Control Room	No	No	No	No	Yes
Extended Channel EQ (VST3 Studio EQ)	No	No	No	No	Yes
Extended Mixer view	No	No	No	Yes	Yes
Automation modes	touch fader	touch fader	touch fader	touch fader	touch fader, x-over, autolatch, trim, overwrite
VST 3 plug-in support	Yes	Yes	Yes	Yes	Yes
Sidechain Inputs	No	No	No	Yes	Yes
Recording from Buses	No	No	No	No	Yes
Intel Mac + PPC support (OSX Universal Binary)	Yes	Yes	Yes	Yes	Yes
Multi Processing Support	Yes	Yes	Yes	Yes	Yes
Surround: True Multichannel Audio Path	No	No	No	No	Yes
Unlimited Undo and Redo functions	Yes	Yes	Yes	Yes	Yes
SoundFrame – Universal Sound Management	Yes	Yes	Yes	Yes	Yes
MediaBay	No	No	limited	limited	full
Track Presets	No	No	Yes	Yes	Yes
Offline Process History	No	No	single undo	for built-in audio processes	for built-in audio processes and all plug-ins
Studio Connections	Recall	Recall	Recall	Recall	Recall + Audio
External FX	No	No	No	No	Yes
External Instruments	No	No	No	No	Yes
Workspaces (virtual desktops)	No	No	No	Yes	Yes
Project Browser	No	No	No	Yes	Yes
Recording Modes: Mix, Overwrite, Normal, Merge, Stacked	excl. stacked	excl. stacked	excl. stacked	Yes	Yes
Editors: Key, List, Score Editor	Yes	Yes	Yes	Yes	Yes
Drum Editor	Yes	Yes	Yes	Yes	Yes
Logical Editor	No	No	No	Yes	Yes
Logical Editor for Project	No	No	No	No	Yes
Inplace Editor (MIDI Editing in Project Window)	No	No	No	Yes	Yes
Advanced Options in Tempo Editor	No	No	No	No	Yes
Volume Envelopes	No	No	No	Yes	Yes
Extended Track Inspector (shows VSTi channel for MIDI Tracks)	No	No	Yes	Yes	Yes
MIDI Devices (Device Maps and Editors)	No	No	No	No	Yes
Professional Score layout and printing functions (incl. MusicXML Import + Export)	No	No	No	Yes	Yes
Arranger Track	No	No	Yes	Yes	Yes
Global Transpose Track	No	No	No	Yes	Yes
Audio Warp (Realtime Timestretching + PitchShifting)	playback only	playback only	playback only	Yes	Yes
Time Warp Tool	No	No	No	Yes	Yes
Pitch Shifting/Time Stretching algorithm	Realtime	Realtime	Realtime	MPEX3 + Realtime	MPEX3 + Realtime
Dithering	Yes	Yes	Yes	Apogee UV22HR	Apogee UV22HR
Pool import/export	No	No	No	Yes	Yes
Track Archives	No	No	No	Yes	Yes
Beat Calculator	No	No	Yes	Yes	Yes
Large Time Display Window	No	No	Yes	Yes	Yes
Rewire Support	No	No	Yes	Yes	Yes
Edit Functions: Group/Ungroup, Lock/Unlock	No	No	Yes	Yes	Yes
Key Command Macros	No	No	Yes	Yes	Yes
Extended Freeze for VST Instruments and Audio Tracks	No	No	Yes	Yes	Yes
Hardware Controller Support	Houston, Generic, Tascam US-428/224, Mackie Universal+HUI only	Houston, Generic, Tascam US-428/224, Mackie Universal+HUI only (plus special Yamaha hardware support)	Houston, Generic + Tascam US-428/224, Mackie Universal+HUI	Yes	Yes
Track Quick Controls	No	No	No	Yes	Yes
Full MP3 Fraunhofer Encoding	available as update	available as update	available as update	available as update	Yes
Windows Media WMA Pro Encoding	Yes	Yes	Yes	Yes	Yes
Sequel Project Import	No	No	No	Yes	Yes
Support for Steinberg Dolby Digital and DTS Encoders	No	No	No	No	Yes
Number of VST MIDI effects plug-ins included	No	No	15	16	16
Number of VST audio effects plug-ins included	22	28	31	37	55
Number of VST instruments included	1	1	1	2	6
Number of instrument sounds included	ca. 25	135	135	600+	1000+
Full printed Operations Manual	No	No	No	No	Yes