

Cubase 5 / Cubase Studio 5 / Cubase Essential 5 comparison chart

Feature	Cubase 5	Cubase Studio 5	Cubase Essential 5
Simultaneous playback of audio tracks	Unlimited	Unlimited	64
MIDI tracks	Unlimited	Unlimited	Unlimited
Physical inputs/outputs	256	128	32
Audio channel Insert slots	8	8	8
Group channels	256	256	256
FX Send channels	8	8	8
FX Return channels	64	64	8
Instrument tracks	Unlimited	Unlimited	Unlimited
VST instrument slots	64	32	16
MIDI plug-in insert slots	4	4	4
Extended Channel EQ (VST3 Studio EQ)	Yes	No	No
REVerence (VST3 convolution processor)	Yes	No	No
PitchCorrect (VST3 plug-in)	Yes	Yes	Yes
LoopMash (loop-mangling VST instrument)	Yes	No	No
Groove Agent One (drum sampling VST instrument)	Yes	Yes	No
HSO 16-bit Special Edition (trial version and special offer)	Yes	Yes	No
Beat Designer (specialized real-time drum step sequencer)	Yes	Yes	Yes
VSTSound Collection Vol. I included	Yes	Yes	No
HALion ONE Expression Set 01	Yes	Yes	No
Number of VST MIDI effects plug-ins	18	18	18
Number of VST audio effects plug-ins	58	39	33
Number of VST instruments	6	3	2
Number of instrument sounds	1,623	749	706
External FX	Yes	No	No
External instruments	Yes	With Yamaha Motif only	With Yamaha Motif only
VST3 plug-in support	Yes	Yes	Yes
MIDI devices (device maps and editors)	Yes	No	No
MIDI Monitor	Yes	Yes	Yes
Sidechain inputs	Yes	Yes	No
Surround: True Multichannel Audio Path	Yes	No	No
Support for Steinberg Dolby Digital and DTS encoders	Yes	No	No
MediaBay and VSTSound support	Full	Limited, no Tag Editor	Limited, no Tag Editor
MIDI loop support	Yes	Yes	Yes
Sequel 1/2 Project import	Yes	Yes	No
Track presets	Yes	Yes	Yes
Extended Mixer view	Yes	Yes	No
Number of simultaneous mixer views	3	2	1
Extended Track Inspector (shows VSTi channel for MIDI Tracks)	Yes	Yes	Yes
Extended Freeze for VSTis and audio tracks	Yes	Yes	Yes
Recording from Buses	Yes	Yes	No
Automation modes	Touch fader, X-over, Autolatch, Trim, Overwrite	Touch fader	Touch fader

Volume envelopes	Yes	Yes	No
Automation panel	Yes	Yes	No
Rule-based consolidation MIDI CC	Yes	Yes	Yes
Channel Batch Export	Yes	Yes	No
Control Room	Yes	No	No
VariAudio (note detection/editing and intonation control for monophonic vocal recordings)	Yes	No	No
AudioWarp (Real-time time-stretching & pitch-shifting)	Yes	Yes	Playback only
Time Warp Tool	Yes	Yes	No
Pitch-shifting/time-stretching algorithm	MPEX4 & real time	MPEX4 & real time	Real time
Beat Calculator	Yes	Yes	Yes
Key, List, and Score Editor	Yes	Yes	Yes
Inplace Editor (MIDI editing in Project Window)	Yes	Yes	No
Drum Editor	Yes	Yes	Yes
Professional score layout and printing functions (incl. MusicXML import & export)	Yes	Yes	No
VST Expression support	Yes	Yes	No
Logical Editor	Yes	Yes	No
Logical Editor for Project	Yes	No	No
Recording modes: Mix, Overwrite, Normal, Merge, Stacked	Yes	Yes	Excl. stacked
Edit functions: Group/Ungroup; Lock/Unlock	Yes	Yes	Yes
Arranger Track	Yes	Yes	Yes
Global Transpose Track	Yes	Yes	No
Tempo and Signature Track in Project Window	Yes	Yes	No
Advanced options in Tempo Editor	Yes	No	No
Offline process history	For built-in audio processes and plug-ins	For built-in audio processes only	Single undo
Studio connections	Recall & audio	Recall	Recall
Rewire support	Yes	Yes	Yes
Dithering	Apogee UV22HR	Apogee UV22HR	Apogee UV22HR
Track quick controls	Yes	Yes	No
Track archives	Yes	No	No
Pool import/export	Yes	Yes	No
Project Browser	Yes	Yes	No
Workspaces (virtual desktops)	Yes	Yes	No
Key Command macros	Yes	Yes	Yes
Unlimited Undo and Redo functions	Yes	Yes	Yes
MIDI devices (device maps and editors)	Yes	No	No
Hardware controller support	Yes	Yes	Limited to CC121, Houston, Generic & Tascam US-428/224, Mackie Universal+HUI
Full MP3 Fraunhofer encoding	Yes	Available as update	Available as update
Windows Media WMA Pro encoding	Yes	Yes	Yes
Intel Mac & PPC support (OS X Universal Binary)	Yes	Yes	Yes
Multi-processing support	Yes	Yes	Yes
Windows Vista 64-bit native Cubase version	Yes	Yes	No
Full printed operations manual	Yes	No	No