

# Cubase 5 vs. Cubase Studio 5

## Comparison Chart Differentiation Guide

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Some highlights found exclusively in Cubase 5 not found in Cubase Studio 5		
*** Vari Audio - amazing pitch correction editor		
*** Reverence - high-quality convolution reverb		
*** LoopMash - advanced looping instrument		
*** Control Room - set up headphone/cue mixes and speaker switching		
*** OMF import and export		
Feature Comparison		
Feature	Cubase 5	Cubase Studio 5
Award-winning Cubase 32-bit floating-point audio engine	yes	yes
Number of audio tracks	unlimited	unlimited
Number of MIDI tracks	unlimited	unlimited
Instrument tracks	unlimited	unlimited
Physical inputs/outputs	256	128
Group channels	256	256
FX Send channels	8	8
FX Return channels	64	64
VST audio effect insert slots	8	8
MIDI effect insert slots	4	4
VST instrument slots	64	32
VST3 plug-in support	yes	yes
Rewire support	yes	yes
Number of mixer views	3	2
Control Room	yes	no
Extended Channel EQ (VST3 Studio EQ)	yes	no
Extended Mixer view	yes	yes
Sidechain inputs	yes	yes
5.1 surround and true multichannel audio path	yes	no
External FX	yes	no
External instruments	yes	no
Automation modes	Touch, Auto-Latch, Cross-Over, Trim	Touch, Auto-Latch, Cross-Over, Trim
Volume envelopes	yes	yes
Automation panel	yes	yes
Hardware controller support	yes	yes
Channel Batch Export function	yes	yes
Unlimited Undo and Redo functions	yes	yes
Offline Process History	for built-in audio and all plug-ins	for built-in audio
MediaBay and VST Sound support	full	limited*
Track presets	yes	yes
Studio connections	recall + audio	recall
Workspaces (virtual desktops)	yes	yes
Project Browser	yes	yes
Recording modes: Mix, Overwrite, Normal, Merge, Stacked	yes	yes
Recording from busses	yes	yes
Editors: Key, List, Basic Score	yes	yes
Drum Editor	yes	yes
Logical Editor	yes	yes
Project Logical Editor	yes	no
Inplace Editor (MIDI editing in Project Window)	yes	yes
Advanced options in Tempo Editor	yes	no
Extended Track Inspector (shows VSTi channel for MIDI tracks)	yes	yes
MIDI devices (Device Maps and Editors)	yes	no
Professional score layout and printing functions (incl. MusicXML In)	yes	yes
Arranger Track	yes	yes
Global Transpose Track	yes	yes
Signature and tempo tracks in Project window	yes	yes
VariAudio	yes	no
Audio Warp (real-time time stretching + pitch shifting)	yes	yes
Time Warp tool	yes	yes
Pitch Shifting/Time Stretching algorithm	real time + MPEX	real time + MPEX
Dithering	Apogee UV22HR	Apogee UV22HR
Key command macros	yes	yes
Pool Import and Export	yes	yes
Track archives	yes	no
Extended Freeze for VST instruments and audio tracks	yes	yes
Track Quick Controls	yes	yes
Full MP3 Fraunhofer encoding	yes	available as update
Windows Media WMA Pro encoding	yes	yes
OMF import/export	yes	no
Sequel Project import	yes	yes
Number of VST MIDI effect plug-ins included	18	18
Number of VST audio effect plug-ins included	56	44
Number of VST instruments included	8	3
Number of instrument sounds included	1,000+	600+
Full printed operations manual	yes	no
Mac OS X Universal Binary	yes	yes
Multi-processing support	yes	yes
Vista 64 native Cubase 64-bit version	yes	yes

\* No detail search, no separate tag editor, no user tags

Plug-in Comparison			
Audio plug-ins	Cubase 5	Cubase Studio 5	VST
Bitcrusher	yes	yes	2.4
Chopper	yes	yes	2.4
DaTube	yes	yes	2.4
DeEsser (SPL)	yes	no	2.4
Grungelizer	yes	yes	2.4
Metalizer	yes	yes	2.4
MIDI Gate	yes	yes	2.4
Mix6to2	yes	no	2.4
MultiScope	yes	yes	2.4
PitchCorrect	yes	yes	3
REVerence	yes	no	3
RingModulator	yes	yes	2.4
SMPTe Generator	yes	yes	2.4
StepFilter	yes	yes	2.4
SurroundPan	yes	no	2.4
Test Generator	yes	yes	2.4
Tonic	yes	no	2.4
Tranceformer	yes	yes	2.4
UV22 HR	yes	yes	3
AmpSimulator	yes	yes	3
AutoPan	yes	yes	3
Chorus	yes	yes	3
Cloner	yes	no	3
Compressor	yes	yes	3
Distortion	yes	yes	3
DualFilter	yes	yes	3
EnvelopeShaper	yes	no	3
Expander	yes	no	3
Flanger	yes	yes	3
Gate	yes	yes	3
GEQ-10	yes	no	3
GEQ-30	yes	no	3
Limiter	yes	yes	3
Maximizer	yes	yes	3
ModMachine	yes	no	3
MonoDelay	yes	yes	3
MonoToStereo	yes	yes	3
MultibandCompressor	yes	no	3
New Surround Panner SX	yes	no	3
Octaver	yes	yes	3
Phaser	yes	yes	3
PingPongDelay	yes	yes	3
Roomworks	yes	yes	3
Roomworks SE	yes	yes	3
Rotary	yes	yes	3
SoftClipper	yes	no	3
StereoDelay	yes	yes	3
StereoEnhancer	yes	yes	3
StudioChorus	yes	yes	3
StudioEQ	yes	no	3
ToneBooster	yes	yes	3
Tremolo	yes	yes	3
Tuner	yes	yes	3
Vibrato	yes	yes	3
VintageCompressor	yes	no	3
VSTDynamics	yes	yes	3
WahWah	yes	yes	3
MIDI plug-ins	Cubase 5	Cubase Studio 5	
Arpache 5	yes	yes	
Arpache SX	yes	yes	
Autopan	yes	yes	
Beat Designer	yes	yes	
Chorder	yes	yes	
Compress	yes	yes	
Context Gate	yes	yes	
Density	yes	yes	
Micro Tuner	yes	yes	
MidiControl	yes	yes	
MidiEcho	yes	yes	
MIDI Monitor	yes	yes	
Note 2 CC	yes	yes	
Quantizer	yes	yes	
StepDesigner	yes	yes	
Track Control	yes	yes	
Track FX	yes	yes	
Transformer	yes	yes	

Virtual instruments	Cubase 5	Cubase Studio 5	VST
Embracer	yes	no	2.4
Groove Agent ONE	yes	yes	3
LoopMash	yes	no	3
Monologue	yes	no	2.4
Prologue	yes	yes	3
Spector	yes	no	3
Mystic	yes	no	3
HALion ONE	yes	yes	2.4
Advanced Integration Features			
Feature	Cubase 5	Cubase Studio 5	
Automatic integration through IEEE1394 (MR816 X, MR816 CSX)	yes	yes	
True integrated monitoring – 1:1 mixer mapping (MR816 X, MR816 CSX)	yes	yes	
True integrated monitoring – multiple studio mixes (MR816 X, MR816 CSX)	yes	no	
Quick Connect (MR816 X, MR816 CSX)	yes	yes	
Monitor mixer integration (MR816 X, MR816 CSX)	yes	yes	
HW setup integration (MR816 X, MR816 CSX)	yes	yes	
Plug-in integration of DSP effects (MR816 X (REV-X only), MR816 CSX)	yes	yes	
VST connection presets (MR816 X, MR816 CSX)	yes	yes	
Plug-in integration of MOTIF XS series voice editor (MOTIF XS)	yes	yes	
Control Room control (CC121)	yes	no	
AI knob control (CC121)	yes	yes	
External VST3 support – MIDI + audio (MOTIF XS)	yes	yes	
VST instrument preset browser access (KX)	yes	yes	
Track Quick Controls support (KX)	yes	yes	