

Feature Comparison Chart



Feature	Cubase Studio 4	Cubase 4
Simultaneous playback of hundreds of audio tracks	unlimited	unlimited
MIDI Tracks	unlimited	unlimited
Physical Inputs/Outputs	128	256
Inserts	8	8
Group channels	256	256
FX Send channels	8	8
FX Return Channels	64	64
Instrument Tracks	unlimited	unlimited
VST Instrument Slots	32	64
MIDI insert plugins	4	4
Number of mixer views	2	3
Control Room	No	Yes
Extended Channel EQ (VST3 Studio EQ)	No	Yes
Extended Mixer view	Yes	Yes
Automation modes	touch fader	touch fader, x-over, autolatch, trim, overwrite
VST 3 plug-in support	Yes	Yes
Intel Mac + PPC support (OSX Universal Binary)	Yes	Yes
Multi Processing Support	Yes	Yes
Surround: True Multichannel Audio Path	No	Yes
Unlimited Undo and Redo functions	Yes	Yes
SoundFrame – Universal Sound Management	Yes	Yes
MediaBay	limited	full
Track Presets	Yes	Yes
Offline Process History	for built-in audio processes	for built-in audio processes and all plug-ins
Studio Connections	No	Recall + Audio
External FX	No	Yes
External Instruments	No	Yes
Workspaces (virtual desktops)	Yes	Yes
Project Browser	Yes	Yes
Recording Modes: Mix, Overwrite, Normal, Merge, Stacked	Yes	Yes
Editors: Key, List, Score Editor	Yes	Yes
Drum Editor	Yes	Yes
Logical Editor	Yes	Yes
Inplace Editor (MIDI Editing in Project Window)	Yes	Yes
Advanced Options in Tempo Editor	No	Yes
Volume Envelopes	Yes	Yes
Extended Track Inspector (shows VSTi channel for MIDI Tracks)	Yes	Yes
MIDI Devices (Device Maps and Editors)	No	Yes
MMC Slave Support	No	Yes
Professional Score layout and printing functions	Yes	Yes
Play Order Track	Yes	Yes
Audio Warp (Realtime Timestretching + PitchShifting)	Yes	Yes
Time Warp Tool	Yes	Yes
Pitch Shifting/Time Stretching algorithm	MPEX3 + Realtime	MPEX3 + Realtime
Dithering	Apogee UV22	Apogee UV22/UV22HR
User-definable macros	Yes	Yes
Pool import/export	Yes	Yes
Track Archives	Yes	Yes
Beat Calculator	Yes	Yes
Large Time Display Window	Yes	Yes
Edit Functions: Group/Ungroup; Lock/Unlock	Yes	Yes
Key Command Macros	Yes	Yes
Extended Freeze for VST Instruments and Audio Tracks	Yes	Yes
Hardware Controller Support	Yes	Yes
Full MP3 Fraunhofer Encoding	available as update	Yes
Windows Media WMA Pro Encoding	Yes	Yes
Support for Steinberg Dolby Digital and DTS Encoders	No	Yes
Number of VST MIDI effects plug-ins included	16	16
Number of VST audio effects plug-ins included	33	52
Number of VST instruments included	2	6
Number of instrument sounds included	600+	1000+
Full printed Operations Manual	No	Yes

Plug-in Reference List



	Audio Plugins	Cubase4	Cubase Studio 4	VST
1.	AutoPan	1	1	3.0
2.	StudioChorus	1	1	3.0
3.	Compressor	1		3.0
4.	Expander	1		3.0
5.	Flanger	1	1	3.0
6.	Gate	1	1	3.0
7.	Limiter	1	1	3.0
8.	Maximizer	1		3.0
9.	MonoDelay	1	1	3.0
10.	Phaser	1	1	3.0
11.	PingPongDelay	1	1	3.0
12.	StereoDelay	1	1	3.0
13.	Tremolo	1	1	3.0
14.	Vibrato	1	1	3.0
15.	StudioEQ	1		3.0
16.	SoftClipper	1		3.0
17.	StereoEnhancer	1	1	3.0
18.	MonoToStereo	1	1	3.0
19.	Cloner	1		3.0
20.	AmpSimulator	1	1	3.0
21.	GEQ-10	1		3.0
22.	GEQ-30	1		3.0
23.	WahWah	1	1	3.0
24.	Octaver	1	1	3.0
25.	MultibandCompressor	1		3.0
26.	ModMachine	1		3.0
27.	VSTDynamics	1	1	3.0
28.	EnvelopeShaper	1		3.0
29.	Tuner	1	1	3.0
30.	VintageCompressor	1		3.0
31.	ToneBooster	1	1	3.0
32.	Rotary	1	1	3.0
33.	Roomworks	1	1	2.4
34.	Roomworks SE	1	1	2.4
35.	MIDI Gate	1	1	2.4
36.	DaTube	1	1	2.4
37.	StepFilter	1	1	2.4
38.	Tranceformer	1	1	2.4
39.	Metalizer	1	1	2.4
40.	RingModulator	1	1	2.4
41.	Chopper	1	1	2.4
42.	Bitcrusher	1	1	2.4
43.	Grungelizer	1	1	2.4
44.	SMPTE Generator	1		2.4
45.	MultiScope	1		2.4
46.	TestGenerator	1		2.4
47.	Mix6to2	1		2.4
49.	SurroundPan	1		2.4
51.	MixConvert - Control Room	1		2.4
55.	Tonic*	1		2.4
56.	UV22*		1	2.4
57.	UV22 HR*	1		2.4
58.	DeEsser (SPL)*	1		2.4
	TOTAL AUDIO PLUGINS	52	32	
	MIDI Plugins	Cubase4	Cubase Studio 4	VST
59.	Arpache 5	1	1	
60.	Arpache SX	1	1	
61.	Autopan	1	1	
62.	Chorder	1	1	
63.	Compress	1	1	
65.	Context Gate	1	1	
66.	Density	1	1	
67.	MicroTuner	1	1	
68.	MidiControl	1	1	
69.	MidiEcho	1	1	
70.	Note 2 CC	1	1	
71.	Quantizer	1	1	
72.	StepDesigner	1	1	
73.	Track Control	1	1	
74.	Track FX	1	1	
75.	Transformer	1	1	
	Subtotal	16	16	
	TOTAL PLUGINS INSTALLED (AUDIO + MIDI)	68	48	
	Virtual Instruments	Cubase4	Cubase Studio 4	VST
108.	Embracer*	1		2.4
109.	Monologue*	1		2.4
110.	Prologue	1	1	3.0
111.	Spector	1		3.0
112.	Mystic	1		3.0
113.	HALion One	1	1	2.4
	TOTAL VSTI'S INSTALLED	6	2	

* = currently not available for Intel Mac (OSX)