

VCube software-only family features and options	ESSENTIALS	LE	LE PRO	XE	XE PRO	SE-HD	SE PRO-HD	Description
Software Features	ESS	LE	PRO	XE	PRO	HD	PRO	Software Features
VCube Player	X	X	X	X	X	X	X	Video Playback
Video Container Support	X	X	X	X	X	X	X	MOV, MXF, AVI, MP4
Audio File Support	X	X	X	X	X	X	X	PMF, AIF, OMF, WAV, BWF, AVI, QT, MP3
Graphic Card Out	X	X	X	X	X	X	X	Outputs up to 4K video to DVI, VGA or HDMI monitor
RS-422 Sony P2 Machine Control	X	X	X	X	X	X	X	Uses PC standard RS-232 serial port
Virtual Transport 2	X	X	X	X	X	X	X	VT server for Pyramix synchronization over IP
Software Pack Process Capabilities	ESS	LE	PRO	XE	PRO	HD	PRO	Software Pack Process Capabilities
Wrap	X	X	X	X	X	X	X	Media Wrapping enabled
Render				X	X	X	X	Media transcoding, and exporting enabled
Video Record						X	X	Video recording through Black Magic/AJA enabled
Video Codec Options	ESS	LE	PRO	XE	PRO	HD	PRO	Video Codec Options
IMX/D-10/XDCam SD	Op	Op	Op	Op	Op	Op	Op	30, 40 & 50 Mb/s MPEG2 SD - MPEG & MXF
MPEG2-HD/XDCam HD (XDCAM SD included)	Op	Op	Op	Op	Op	Op	Op	Compatible MPEG & MXF file formats
DVCPro/DV50	Op	Op	Op	Op	Op	Op	Op	Compatible MXF, MOV, AVI & Cube file formats
DVCPro HD/DV100 (DV50 Included)	Op	Op	Op	Op	Op	Op	Op	Compatible MXF, MOV, AVI & Cube file formats
VC-3/DNxHD	Op	Op	Op	Op	Op	Op	Op	Compatible MXF, MOV, AVI & Cube file formats
Apple Prores	X	X	X	X	X	X	X	Compatible MOV file format
AVC-Intra100/P2	Op	Op	Op	Op	Op	Op	Op	Compatible MXF, MOV, AVI & Cube file formats
H.264 video encoder	Op	Op	Op	Op	Op	Op	Op	Compatible MOV & MP4 (render/wrap only)
Import	ESS	LE	PRO	XE	PRO	HD	PRO	Import
AAF	Op	Op	Op	Op	Op	Op	Op	AAF EDL import and relinking
Apple FCP 7 XML	Op	Op	Op	Op	Op	Op	Op	Apple Final Cut Pro xml EDL import and relinking
OMF	X	X	X	X	X	X	X	OMF EDL import and relinking
VCube Composition	X	X	X	X	X	X	X	Selective VCube EDL import and relinking
Still Image Convert				X	X	X	X	Still image to video DPX, JPG, etc...
Hardware Options	ESS	LE	PRO	XE	PRO	HD	PRO	Hardware Options
32/64bit USB Sync Board	Op*	Op*	X	Op*	X	Op*	X	Video reference/LTC/RS-422/MIDI/Bi-Phase
AJA LHi HD Video Board						X	X	AJA HD video board enabled
Black Magic Decklink SDI 4K Video Board		X	X	X	X	X	X	Black Magic Decklink video board enabled
Black Magic Decklink Studio 4K Video Board		X	X	X	X	X	X	Black Magic Decklink video board enabled
Merging PC Chassis	Op*	Op*	Op*	Op*	Op*	Op*	Op*	Merging's Quintessence aluminum 4U rack chassis
BMD (AJA) Audio/Video board I/O Specs	ESS	LE	PRO	XE	PRO	HD	PRO	BMD (AJA) Audio/Video board I/O Specs
Analog Audio		Out only	Out only	Out only	Out only	x4ch	x4ch	Balanced Analog XLR
AES Digital Audio		Out only	Out only	Out only	Out only	x2/6ch	x2/6ch	Balanced Digital XLR (default 2, switchable to 6)
SDI Embedded Audio		Out only	Out only	Out only	Out only	x16ch	x16ch	16 Channels embedded in HD/2K/4K. 8 in SD
HDMI Embedded Audio		Out only	Out only	Out only	Out only	x8ch	x8ch	8 Channels embedded in SD, HD, 4K
Video I/O		Out only	Out only	Out only	Out only	X	X	SD/HD/Ultra HD 6G-SDI BNC, HDMI 1.4b
Composite Video		Out only	Out only	Out only	Out only	X	X	Analog composite, S-video
Component Video		Out only	Out only	Out only	Out only	X	X	Analog SD/HD component BNC

Op = Optional
Op* = Hardware not designed for laptops

- **VCube MXF Compatible Video Codec List****
- DV - free of charge
 - Sony XDCam SD/ IMX - optional
 - Sony XDCam HD/MPEG2 HD - optional (includes IMX/D-10)
 - Panasonic AVC-Intra100 - optional
 - Panasonic DVCPro 50 - optional
 - Panasonic DVCPro 100/HD - optional (includes DVCPro 50)
 - Avid VC-3/DNxHD - optional
 - H.264 Encoder - optional