PYRAMIX 16

COMPARISON OF ELEMENTS, PRO AND PREMIUM VERSIONS
The MASSCORE ENGINE can be added to any version

AUDIO ENGINE	ELEMENTS	PRO	PREMIUM	MASSCORE ENGINE
Hardware I/O @ 48kHz/96kHz/192kHz*	48/24/12	192/96/48	256/144/72	**384/192/96**
Software Playback Channels @48kHz/96kHz/192kHz	512/256/128	512/256/128	512/256/128	**512/256/128**
Latency	Variable (ASIO)	Variable (ASIO)	Variable (ASIO)	**NEAR ZERO**
Hardware I/O @ Very high sampling rates DXD, DSD 64/128/256	2	24	36	**64**
Software Playback (Voices) @ Very High sampling rates DXD, DSD 64/128/256	64	64	64	**64**
Maximum Bus Size	22,2	22,2	30,2	**384**

MASTERING FEATURES	ELEMENTS	PRO	PREMIUM
Pow-r Redithering	x	x	x
CD Mastering + CD Import	x	x	x
DDP Creation	-	x	x
Super Audio CD Authoring and Disc Builder	-	-	x

MIXING	ELEMENTS	PRO	PREMIUM
Pyramix Virtual Studio Core Plugins (VS3 Plugins - pristine 32 channels)	-	x	x
Integrated panNoir for best phase management in mutlimic productions	x	x	x
Support for VST2 and VST3 plugins (no plugins included)	x	x	x
ARA2 plugins support (no 3rd party plugins included)	x	x	x
Final Check (Loudness, PPM, True Peak metering)	-	x	x
ZTX® Time and Pitch Manipulation	-	x	x
AMBISONIC Encoding/Decoding/Mixing/Playout	x	x	x
Next Generation Audio Mixing/ Rendering (OBJECTS-BEDS-AMBISONIC)	x	x	x
DOLBY ATMOS® RENDERER built-in and external support/ADM Dolby Atmos Import-Export	-	-	x

EDITING	ELEMENTS	PRO	PREMIUM
Source-Destination editing	-	x	x

INTERCHANGE	ELEMENTS	PRO	PREMIUM
AAF/ OMF	x	x	x
Advanced Interchange (Sonic Solutions /OpenTL Import/FCP XML/ AES31)	x	x	x

REMOTE CONTROL	ELEMENTS	PRO	PREMIUM
Video / TC Synchronization (Requires Hardware)	x	x	x
Machine Control - RS422 Remote/Master (Requires Hardware)	x	x	x
GPI/O support. Requires I/O CON-SGU-1608/1616, CON-SEA-1802e, Anubis	-	x	x
Oasis Economy Class (works with Avid Control™/ Avid S1™/ Avid Dock™, HUI)	x	x	x
Oasis Business Class (works with Avid S3™)	-	x	x
Oasis First Class (works with AVID S4™/ AVID S6™, LAWO Mc2, STAGETEC, and more...)	-	-	x

VIDEO	ELEMENTS	PRO	PREMIUM
Single Video Track (Includes MXF option)**	x	x	x
Multiple Video Tracks**	-	-	x
Single Pro Video Output using Blackmagic™ Hardware***	-	-	x
Supported included codec (IMX-MPG2HD-AVC-INTRA -AVDNXHD (440+10bit)	-	-	x

* Hardware I/O: Tests were performed on a computer equipped with an Intel Ultra CPU i7-265K (20 cores: P-Cores at 3.8 GHz and E-Cores at 3.3 GHz), following our complete installation specifications and using the MAD driver. Please note that we cannot guarantee these I/O performance numbers on all PC configurations.

** Supported Codecs include:
Mov: ProRes® 422 HQ, ProRes 422 LT, ProRes 422 Proxy, DV25, DV50, H264
Mp4: H264
MXF: DV25, DV50

*** Blackmagic hardware is not included