

Roon DSP Engine recommendations.

NADAC vs. Roon DSP Mode	Headroom	Sampling Rate conversion	Crossfeed	Parametric EQ	Audeze Presets	Speakers Setup
MERGING+PLAYER						
Stereo PCM 1FS to 8FS	V	V	V	V	V	V
MultiChannel PCM 1FS to 8FS	V	V	X	V	V	V
DSD	X	X	X	X	X	X
DSD Multichannel	X	X	X	X	X	X
MERGING+NADAC in ASIO (PC*)						
Stereo PCM 1FS to 8FS	V	V	V	V	V	V
MultiChannel PCM 1FS to 8FS	V	V	V	V	V	V
DSD	V	X	V	X	V	V
DSD Multichannel	X	X	X	X	X	X
MERGING+NADAC in Core Audio (Mac*)						
Stereo PCM 1FS to 8FS	V	V	V	V	V	V
MultiChannel PCM 1FS to 8FS	V	V	V	V	V	V
DSD	X	X	V	V	V	V
DSD Multichannel	X	X	X	X	X	X
* Performance may vary with system configuration (tested on a PC i7-3370 and MacBookPro i7-4980HQ)						
DSD Sampling rate conversion is the most demanding DSP process						
WARNING: Activating multiple DSP items is not recommended and will cause Roon slow down and audio track to drops						
WARNING: Activating a Roon DSP parameter and applying it during playback will cause the track in Play to drops during playback or be halted						
X: Potential long pause at track start, supported with DSD64 but not with DSD128 & DSD256 formats						
X: Performance issues. Track in Play will potentially stop, be halted or be muted						