

ADAT I/O cards compared

Features:	STUDI/O	Prodif Gold	ADAT Edit	Frontier Dakota	Korg 1212	RME Hammerfall	Notes:
ADAT I/O	16X16	8X8	8X8	16X16	8X8	24X24	Add up to 4 STUDI/Os for a total of 64 I/Os!
SPDIF I/O (electrical)	YES *	no	no	YES	YES	YES	* With Sonorus' optional Sync Backplate you can switch the BNC connectors to AES/EBU & SPDIF via software.
SPDIF I/O TOSLINK	YES	YES	no	YES	no	YES	Sonorus' flexible driver control panel allows the user to switch either of the optical I/Os between 2 channel SPDIF & 8 channel ADAT.
ADAT Sync	YES **	no	YES	YES	YES	YES	** Get sample accurate lock with Sonorus' ASIO2 drivers and the optional Sync Backplate!
Word clock	YES ***	no	no	option (RCA input only)	YES	YES	*** With Sonorus' optional Sync Backplate you get word clock in & out.
24/96K	YES S/MUX	no	no	no	no	YES S/MUX	96K support over standard ADAT optical thanks to Sonorus' defacto S/MUX standard.
Mac support	YES	no	YES	no	YES	no	Sonorus is one of the few hardware manufacturers to have Mac drivers!
NT4 support	YES	YES	no	no	no	ASIO only	STUDI/O's NT4 performance is nothing short of spectacular! Sonorus is ready for Win2000!
BeOS support	YES	no	no	no	no	no	Sonorus is one of the first hardware manufacturers to support "Be" making STUDI/O the perfect choice for Nuendo.
LINUX support	YES	no	no	no	no	no	Use STUDI/O on your LINUX server to stream audio over the internet!
ASIO2	YES	no	no	YES	no	YES	Sonorus is <u>the first</u> hardware manufacturer to support ASIO2!
EASI	YES	no	no	no	no	no	Sonorus is <u>the first</u> hardware manufacturer to support EASI!
Direct Mac Support in Logic Audio	YES	no	no	no	YES	no	Direct support in Logic Audio Platinum (Mac) with STUDI/O, resulting in lower latency and the ability to playback more tracks!
Real-time sample rate conversion	YES	no	no	no	no	no	Convert your sample rate on the fly with STUDI/O!
Stereo analog monitor output	YES	no	no	no	YES	no	Use STUDI/O's monitor output to monitor your audio without external converters! (Line/Headphone ¼ " out)

STUDI/O with AUDI/O AD/24 - DA/24 compared to MOTU 2408 & Echo Layla

Feature:	STUDI/O & AUDI/O AD/24 – DA/24	MOTU 2408	ECHO LAYLA	Notes:
ADAT I/O	16X16	24X24	no	Add up to 4 STUDI/Os for a total of 64 I/Os!
Analog I/O	16X16	8X8	8X10	Add 2 AUDI/O AD/24s & DA/24s for 16 channels of bi-directional conversion at 24 bit resolution with a 117db s/n ratio!
SPDIF I/O TOSLINK	YES	no	no	Sonorus' flexible driver control panel allows the user to switch either of the optical I/Os between 2 channel SPDIF & 8 channel ADAT. There are a number of DAT machines, MiniDiscs, CD players that use TOSLINK for digital I/O.
ADAT Sync	YES *	only with Digital Performer	no	* Get sample accurate lock in many software applications with Sonorus' optional Sync Backplate, or within 1ms (application dependent) using our MTC driver for universal compatibility!
24/96K	YES S/MUX	no	no only 20 bit	96K support over standard ADAT optical thanks to Sonorus' defacto S/MUX standard.
NT4 support	YES	no	no	STUDI/O's NT4 performance is nothing short of spectacular! Sonorus is ready for Win2000!
BeOS support	YES	no	no	Sonorus is one of the first hardware manufacturer to support "Be" making STUDI/O the perfect choice for Nuendo.
LINUX support	YES	no	no	Use STUDI/O on your LINUX server to stream audio over the internet!
ASIO2	YES	no	no	Sonorus is <u>the first</u> hardware manufacturer to support ASIO2!
EASI	YES	no	no	Sonorus is <u>the first</u> hardware manufacturer to support EASI!
Direct Mac Support in Logic Audio	YES	no	no	Direct support in Logic Audio Platinum (Mac) with STUDI/O, resulting in lower latency and the ability to playback more tracks!
Real-time sample rate conversion	YES	no	no	Convert your sample rate on the fly with STUDI/O!
Balanced connectors	YES	no main outputs only	YES ¼ TRS only	Sonorus' AUDI/O AD/24 & DA/24 use extremely high quality XLR connectors for noise free connections!
+4, -10 Switchable	YES	no main outputs are +4 line level	no	The operating level of Sonorus' AUDI/O AD/24 & DA/24 can be easily switched to accommodate virtually any piece of gear you want to interface.
Dynamic Range:	AD/24 117dB DA/24 106dB	◆88dB	98dB	With Sonorus' AUDI/O AD/24 & DA/24 you can't get better sounding converters even at twice the price!

◆ This spec. is from an independent test using an Audio Precision because MOTU does not offer this information.

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