

Recording System Comparison Chart

	FireStudio 2626	FireStudio Tube	FireStudio Project	FireStudio Mobile	FireStudio Lightpipe	StudioLive 16.4.2	AudioBox USB
Simultaneous Record/ Playback Channels	26 inputs, 26 outputs	16 inputs, 6 outputs	10 inputs, 10 outputs	10 inputs, 4 outputs	32 inputs, 32 outputs	32 inputs, 18 outputs	2 inputs, 2 outputs
Analog Inputs	8 mic/inst combo (XLR/TRS) 2 aux input (RCA)	2 mic/inst combo (XLR/TRS) 8 mic (XLR) 6 line (TRS)	8 mic/inst combo (XLR/TRS)	2 mic/inst combo (XLR/TRS) 6 line (TRS)	none	16 channel (16 XLR, 16 balanced TRS) 4 aux (2 stereo pairs, balanced TRS) 2 tape returns (RCA) 1 talkback mic (XLR)	2 mic/inst combo (XLR/TRS)
Analog Outputs	2 main out (balanced TRS) 8 general out (balanced TRS)	2 main out (balanced TRS) 4 general out (balanced TRS)	2 main out (balanced TRS) 2 cue out (balanced TRS) 8 general out (balanced TRS)	2 main out (balanced TRS) 1 headphone out (stereo)	none	4 main out (2 XLR, 2 balanced TRS) 1 mono main out (XLR) 6 aux outs (balanced TRS) 4 subgroup outs (balanced TRS) 2 tape outs (RCA) 16 direct outs (2 DB25s) 2 control-room outs (balanced TRS) 1 stereo headphone out	2 main out (balanced TRS)
Microphone Preampifiers	8 XMAX	2 vacuum tube Class A; 8 XMAX	8 XMAX	2 XMAX	none	17 XMAX	2 Class A
Instrument Hi-Z Inputs	2 (ch. 1 and 2)	2 vacuum tube (ch. 15 and 16)	2 (ch. 1 and 2)	2 (ch. 1 and 2)	none	none	2 (ch. 1 and 2)
Compressor/Limiter	none	yes (2)	none	none	none	Comp, limiter, and gate on all channels, buses, auxes	none
Send / Return	ch. 1 and 2	none	ch. 1 and 2	none	none	16 channel inserts (TRS send/return) 2 tape sends/returns	none
Digital Inputs	16 ADAT Lightpipe 2 (S/PDIF)	none	2 (S/PDIF)	2 (S/PDIF)	32 ADAT (or 16 via SMUX)	none	none
Digital Outputs	16 ADAT Lightpipe 2 (S/PDIF)	none	2 (S/PDIF)	2 (S/PDIF)	32 ADAT (or 16 via SMUX)	2 S/PDIF	none
MIDI	Input/Output	Input/Output	Input/Output	Input/Output	Input/Output	none	Input/Output
Word Clock	Input/Output (BNC)	Input/Output (BNC)	none	none	Input/Output (BNC)	none	none
AD/DA Converter Dynamic Range	114 dB	114 dB	114 dB	118 dB	N/A	118 dB	110 dB
Jitter	<20 ps	<20 ps	<20 ps	<20 ps	<20 ps	<20 ps	200 ps
Computer Connection	FireWire 400	FireWire 400	FireWire 400	FireWire 400	FireWire 400	FireWire 400	USB 1.1
Monitor Mixing	Universal Control control panel (9 stereo mixes and matrix router)	Universal Control control panel (6 stereo mixes)	Universal Control control panel (6 stereo mixes)	Universal Control control panel (3 stereo mixes)	Universal Control control panel (2 stereo mixes)	6 aux sends	none
Physical Size	19" wide, 1U, rack-mountable	19" wide, 1U, rack-mountable	19" wide, 1U, rack-mountable	5.5" x 5.5" x 1.75"	19" wide 1U, rack-mountable	22.35" x 17.22" x 6.9"	5" x 5" x 2"
Daisy-chain Multiple Units	With any FireStudio-series interfaces, including StudioLive, up to 52 inputs	With any FireStudio-series interfaces, including StudioLive, up to 52 inputs	With any FireStudio-series interfaces, including StudioLive, up to 52 inputs	With any FireStudio-series interfaces, including StudioLive, up to 52 inputs	With any FireStudio-series interfaces, including StudioLive, up to 52 inputs	With any FireStudio-series interfaces, including StudioLive, up to 52 inputs	No

