

Input channel functions		8 DCA Groups
I/O	Inputs	16 mic/line (XLR/TRS combo) + 2 stereo line (RCA pin)
	Outputs	16 (XLR)
	Expansion slots	1
On-board processors	DSP	8 Effects + 10 GEQ
General specifications		
Sampling frequency rate	Internal	48 kHz
Signal delay		Less than 2.6 ms, INPUT to OMNI OUT, Fs=48 kHz
Fader		100 mm motorized, Resolution = 10-bit, +10 dB to -138 dB, $-\infty$ dB all faders
Total harmonic distortion		Less than 0.05% 20 Hz-20 kHz @+4 dBu into 600 Ω , INPUT to OMNI OUT, Input Gain=Min. (Measured with a -18 dB/octave filter@80 kHz)
Frequency response		+0.5, -1.5 dB 20 Hz-20 kHz, refer to +4 dBu output @1kHz, INPUT to OMNI OUT
Dynamic range		110 dB typ., DA Converter, 107 dB typ., INPUT to OMNI OUT, Input Gain=Min.
Hum & noise level	Equivalent input noise	-128 dBu typ., Input Gain=Max. (Measured with an A-Weight filter)

	Residual output noise	-85 dBu, ST master off (Measured with an A-Weight filter)
Crosstalk		-100 dB (Measured with a -30 dB/octave filter@22 kHz), adjacent INPUT/OMNI OUT channels, Input Gain=Min.
Power requirements		100-240 V 50/60 Hz
Power consumption		100 W
Dimensions	W	510 mm (20.1in)
	H	225 mm (8.9in)
	D	599 mm (23.6in)
Net weight		13.5 kg (29.8lb)
Accessories		Quick Guide, Power Cord, Nuendo Live
Options		Rack-mount Kit RK5014, Expansion Card, Foot Switch (FC5)
Others		Operating temperature range: 0-40 °C, Storage temperature range: -20-60 °C