

PreSonus QUANTUM ES 4 4-in / 4-out USB-C Audio Interface 24-bit 192 kHz MAX-HD Preamps 75 dB Gain

Accessories	Included Accessories
Included Accessories	1.5M USB-C to USB-C cable
Electronics	Connectivity
Connectivity	USB-C
Headphone Jack	Two - 1/4" TRS Female Stereo
Phantom Power	+48 VDC
General	Color
Color	Black
Series	Quantum
Inputs	Instrument Inputs Dynamic Range
Instrument Inputs Dynamic Range	111 dB (A-Weighted Minimum Gain)
Instrument Inputs Frequency Response	20 Hz to 20 kHz +/- 0.2 dB
Instrument Inputs Gain Range	75 dB
Instrument Inputs Maximum Level	+15 dBu (Unbalanced Minimum Gain)
Line Inputs Dynamic Range	114 dB (A-Weighted Minimum Gain)
Line Inputs Frequency Response	20 Hz to 20 kHz +/- 0.1 dB
Line Inputs Gain Range	+/- 10 dB
Line Inputs Impedance	10K Ohms
Line Inputs Maximum Level	+15 dBu (Balanced Minimum Gain)
Line Inputs Total Harmonic Distortion	0.001% (1 kHz Minimum Gain)
Microphone Input Connection Type	XLR Female Combo Balanced
Microphone Preamp Dynamic Range	113 dB (A-Weighted Minimum Gain)
Microphone Preamp Equivalent Input Noise	-129 dBu (Maximum Gain 150 Ohms 22 kHz BW A-Weighted)
Microphone Preamp Frequency Response	20 Hz to 20 kHz +/- 0.2 dB
Microphone Preamp Gain Control Range	75 dB
Microphone Preamp Input Impedance	1600 Ohms
Microphone Preamp Maximum Input Level	+14 dBu (Balanced Minimum Gain)
Microphone Preamp Total Harmonic Distortion	0.001% (1 kHz Minimum Gain)
Measurements	Product Depth
Product Depth	6.2" (158 mm)
Product Height	1.9" (48.3 mm)
Product Height/Length	1.9" (48.3 mm)

Product Weight	1.8 lbs (0.82 kg)
Product Width	8.4" (213 mm)
Miscellaneous	Supported Sample Rates
Supported Sample Rates	44.1 48 88.2 96 176.4 192 kHz
Output	Headphone Outputs Dynamic Range
Headphone Outputs Dynamic Range	111 dB (A-Weighted)
Headphone Outputs Frequency Response	20 Hz to 20 kHz +/- 0.2 dB
Headphone Outputs Impedance Working Range	22 Ohms
Headphone Outputs Maximum Output	7.5 dBu (50 Ohms)
Headphone Outputs Total Harmonic Distortion	0.02% (1 kHz)
Line Outputs Connection Type	1/4" TRS Female
Main And Line Outputs Dynamic Range	117 dB (A-Weighted)
Main And Line Outputs Frequency Response	20 Hz to 20 kHz +/- 0.1 dB
Main And Line Outputs Maximum Level	+15 dBu (Balanced)
Main And Line Outputs Output Impedance	51 Ohms
Main And Line Outputs Total Harmonic Distortion	0.001% (1 kHz +4 dBu)
Main Outputs Connection Type	1/4" TRS Female
Performance	Digital Audio Bit Depth
Digital Audio Bit Depth	24-bit
Digital Audio Dynamic Range	120 dB