ComX Computers
Product Specification Sheet

XONAR_D2/PM/A

ASUS XONAR D2 Sound Card

Product Overview

ASUS Sound Card - Xonar D2 7.1 PCI Audio Card, 3D realistic Gaming, Music lover / Producer - bundled utilities - Power DVD, RMAA, Ableton Live, Cakewalk, Sonar LE, Dimension LE, Project LE



Specifications

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Audio Performance	Output Signal-to-Noise Ratio (A-Weighted):
	118dB for all channels dB
	Input Signal-to-Noise Ratio (A-Weighted):
	118 dB
	Output THD+N at 1kHz:
	0.0004% (-108dB)
	Input THD+N at 1kHz:
	0.0004% (-108dB)
	Frequency Response (-3dB, 24-bit/96kHz input):
	Frequency Response (-3dB, 24-bit/192kHz input):
	Output/Input Full-Scale Voltage
	2 Vrms (5.65 Vp-p)
	Sample Rate Conversion Quality:
	Almost lossless, high-fidelity floating-point filters, which has:
	-140dB THD+N (typical value for 44.1K->48KHz, 24bit)
	-145dB Dynamic Range (typical value for 44.1K->48KHz, 24bit)

Main Chipset	Audio Processor:
	ASUS AV200 High-Definition Sound Processor (Max. 192KHz/24bit)
	24-bit D-A Converter of Digital Sources:
	Burr-Brown PCM1796 *4 (123dB SNR, Max. 192kHz/24bit)
	24-bit A-D Converter for Analog Inputs:
	Cirrus-Logic CS5381* 1 (120dB SNR, Max. 192kHz/24bit)
Sample Rate and Resolution	Analog Playback Sample Rate and Resolution:
	44.1K/48K/96K/192KHz @ 16/24bit
	Analog Recording Sample Rate and Resolution:
	44.1K/48K/96K/192KHz @ 16/24bit
	S/PDIF Digital Output:
	Dolby Digital, DTS, WMA-Pro
	S/PDIF Digital Input:
	44.1K/48K/96K/192KHz @ 16/24bit
	ASIO 2.0 Driver Support:
	44.1K/48K/96K/192KHz @ 16/24bit
I/O Ports	Analog Output Jack:
	3.50mm mini jack *4 (Front/Side/Center-Subwoofer/Back)
	Analog Input Jack:
	3.50mm mini jack *2 (Line-In/Mic-In)
	Other line-level analog input (for CD-IN/TV Tuner):
	CD-In, Aux-In (4-pin header on the card)
	Digital S/PDIF Output:
	Coaxial and High-bandwidth Optical Combo Connector
	Supports 192KHz/24bit
	Digital S/PDIF Input:
	Coaxial and High-bandwidth Optical Combo Connector
	Supports 192KHz/24bit
	MIDI Ports:
	Additional MPU-401 MIDI I/O bracket and converter cable

Driver Features	Operation System:
	Windows 7/Vista/XP/MCE2005
	Dolby Technologies:
	Dolby Digital Live
	Dolby Digital Live encodes any audio signal on PC in real-time to Dolby Digital (AC3) 5.1 surround sounds to your home theater environment through one single S/PDIF connection
	Dolby Headphone
	Dolby Headphone technology allows users to listen to music, watch movies, or play games with the dramatic 5.1-channel surround or realistic 3D spacious effects through any set of stereo headphones.
	Dolby Virtual Speaker
	Dolby Virtual Speaker technology simulates a highly realistic 5.1-speaker surround sound listening environment from as few as two speakers.
	Dolby Pro-Logic IIx
	Dolby Pro-Logic II is the well-known technology to process any native stereo or 5.1-channel audio into a 6.1- or 7.1- channel output, creating a seamless, natural surround soundfield.
	DTS Technologies:
	DTS Connect (DTS Interactive Encoder and DTS Neo:PC)
	Smart Volume Normalizer:
	Normalizes the volume of all audio sources into a constant level
	Xear 3D Virtual Speaker Shifter:
	Virtual 7.1 speaker positioning
	Magic Voice:
	Modifies the sound of your voice, for VOIP and online chat applications (Windows XP)
	Karaoke Functions:
	Music Key-Shifting and Microphone Echo effects (Windows XP)
	FlexBass:
	Professional Bass Management/Enhancement system
	Other Effects:
	10-band Equalier/27 Environment Effects
	3D Sound Engines/APIs:
	Vista: DirectSound3D GX 2.5, DirectSound HW, DirectSound SW, A3D1.0, OpenAL generic modes, 128 3D sounds processing capability
	XP: DirectSound2.5 SW, A3D1.0, OpenAL generic modes, 128 3D sounds processing capability
	DirectX:
	DirectX 9.0 or above required for 7.1ch output

Bundled Software Utility	Portable Music Processor utility:
	Backup digital music content or CD audio into regular MP3/WMA files with Dolby Headphone, Dolby Virtual Speaker (w/ Pro-Logic II), and Smart Volume Normalization processing (Windows Media Player 10 or above is required)
	Professional Audio Editing Utility:
	1. Ableton Live Lite
	2. Cakewalk Production Plus Pack (SONAR LE, Dimension LE, and Project5 LE)
	PowerDVD 7.0:
	Software DVD player with Dolby Digital 5.1 decoder
Accessories	4 x 3.5mm-to-RCA adaptor cable (8ch)
	2 x S/PDIF optical adaptors
	1 x S/PDIF optical cable
	1 x Additional MIDI card, cable, and external standard MIDI adaptor Y cable
	Dolby Demo CD
Size (Width x Height)	106.5 x 180.26mm

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/XONAR_D2-PM-A-ASUS-XONAR-D2-Sound-Card-p-49827.php

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