

Technical Specifications of the Sound Blaster 16 series

Model Numbers

CT1730 (Sound Blaster16 non CSP, Panasonic interface)
CT1740 (Sound Blaster16 CSP, Panasonic interface)
CT1750 (Sound Blaster16 MCD CSP, Panasonic, Mitsumi, Sony interface)
CT1770 (Sound Blaster16 SCSI-2, CSP, SCSI-2 Interface)
CT1779 (Sound Blaster16 SCSI-2, Non CSP, SCSI-2 Interface)
CT2230 (Sound Blaster16 MCD CSP, Panasonic, Mitsumi, Sony interface)
CT2230C (Sound Blaster16 CSP, Panasonic interface)
CT2239 (Sound Blaster16 MCD Non CSP, Panasonic, Mitsumi, Sony interface)
CT2239C (Sound Blaster16 MCD Non CSP, Panasonic)
CT2290 (Sound Blaster16 IDE)
CT2291 (Sound Blaster16 IDE)
CT2750 (Easy CD, External CD-ROM drive)
CT2770 (Sound Blaster16 Value, No CSP, Panasonic interface)
CT2779 (Sound Blaster16 Value, No CSP Panasonic interface)
CT2919 (Sound Blaster16 No CSP IDE and Panasonic interface)

The Sound Blaster® 16 card is a 16-bit ISA audio board. It is the single largest group of audio cards from Creative Labs. This card comes equipped with a Panasonic/MKE, Mitsumi, or Sony CD-ROM interface. Some new models of the Sound Blaster16 are equipped with the standard IDE interface as well.

Features

FM Synthesis: Yes
Built-In Stereo Power Amplifier: Yes
Built-In Digital/Analog Mixer: Yes
CD-ROM Interface: Panasonic/MKE, SONY or Mitsumi

Hardware Settings

Default settings are shown in [brackets]

Interrupt (IRQ): 2, [5], 7, 10
8-bit DMA Channel: 0, [1], 3
16-bit DMA Channel: [5], 6, 7
Joystick I/O Address: 200 Hex
Audio I/O Address: [220], 240, 260, 280 Hex
MPU-401 I/O Address: 300, [330] Hex
MPU-401 [Enabled] (MPUEN closed), Disabled (MPUEN open)
FM Synthesizer I/O Address: 388 Hex
CSP Chip Installed (enabled on CT2230C, disabled on CT2239C)

Connectors

Line-In: Yes
Mic-In: Yes
Line-Out: Yes
Speaker-Out: Yes
PC Speaker-In: Yes
Game/Joystick Port: Yes
CD-ROM Audio-In (Sound Blaster Audio Socket): Yes
CD-ROM Audio-In (MPC2 Socket): No
CSP Chip Socket: Yes (CSP chip built-in in CT1740 and CT2230)
Wave Blaster Daughter Board Connector: Yes (except in CT2770)
External CD-ROM: (CT2750 only)
Modem Feature Connector: Not Applicable

Note: All 1xxx series Sound Blaster16 cards have a volume knob as well as jumper settings for the audio IRQ and DMA.

All 2xxx series and greater Sound Blaster16 cards do not have jumpers for IRQ and DMA for the audio interface.

Minimum System Requirements

IBM® PC 386 or higher, or 100% compatibles

VGA

5 MB of hard disk space for Sound Blaster software

MS-DOS® 5.0 or higher, Windows® 3.1 or higher, Windows NT® 3.5 or higher, Windows® 95, or OS/2 Warp

Available 16-bit ISA slot

Speakers or headphones