

Term	Definition
ATA	Advanced Technology Attachment defines the physical, electrical, transport, and command protocols for the internal attachment of block storage devices.
ATAPI	Advanced Technology Attachment Packet Interface.
BD	Blu-ray Disc
Blu-ray	Blu-ray, also known as Blu-ray Disc (BD) is the name of optical disc format which was developed to enable recording, rewriting and playback of high-definition video (HD) and storing large amounts of data. The format offers more than five times the storage capacity of traditional DVDs and can hold up to 25GB on a single-layer disc and 50GB on a dual-layer disc
BIOS	Basic Input/Output system The primary function of the BIOS is to identify and initiate component hardware.
Buffer Under-run Protection	A buffer under run occurs during recording if the recorder runs out of data in the recording buffer. The laser is indeed able to stop writing for any amount of time and resume when the buffer is full again.
CD-DA	The logical format of an audio CD
CD-Extra	Enhanced CD, also known as CD Extra and CD Plus, is a certification mark of the Recording Industry Association of America for various technologies that combine audio and computer data for use in both compact disc and CD-ROM players.
CD-I Ready	CD-I ready is a Compact Disc format based on the CD-I format. CD-I format and CD-I Ready format use different techniques to get audio CD players to skip over the CD-I software and data. CD-I Ready places the software and data in the pre-gap of Track 1. Standard CD-I format places the software and data into ordinary tracks, but omits the tracks from the table of contents.
CD-R	Compact Disc-Recordable is a once-writable disc.
CD-ROM	Compact Disc-Read Only Memory disc.
CD-ROM XA	CD-ROM XA (Compact Disc - read-only-memory, extended architecture) is a modification of CD-ROM that defines two new types of sectors that enable it to read and display data, graphics, video, and audio at the same time
CD-RW	Compact Disc-Rewritable disc is to be written, erase, overwrite and read CD information.
CD-Text	CD-Text is an extension of the Red Book Compact Disc specifications standard for audio CDs. It allows for storage of additional information (e.g. album name, song name, and artist) on a standards-compliant audio CD.
DAO	Disc at Once recording is a method in which Lead-in, user data and Lead-out are recoded sequentially without interruption, and no pointer to a next possible session exists.
DMA	Direct memory access, a method of transferring data to and from devices with much less CPU.
DVD+R / DVD-R	DVD Recordable is a once-writable disc.
DVD+R DL / DVD-R DL	DVD-Recordable Dual Layer disc is a once-writable disc. There are exactly two recording Layers accessible from a given side of the disc. L0 is closest to the read-out side of the disc and Layer 1 is further away
DVD+RW / DVD-RW	DVD Rewritable disc is to be written and read many times over the recording surface of the disc using the phase-change rewritable effect.

DVD-RAM	DVD-Read Access Memory disc is to be written and read many times over the recording surface of the disc using the phase-change rewritable effect.
DVD-ROM DL	DVD-Read Only Memory Dual Layer disc. There are exactly two recording Layers accessible from a given side of the disc. Layer 0 is closest to the read-out side of the disc and Layer 1 is further away.
DVD-ROM SL	DVD-Read Only Memory Single Layer disc. There is exactly one recording Layer accessible from a given side of the disc.
Fixed packet	A fixed number of user blocks is written between the user blocks. A fixed packet shall be a part of the user data area of a track.
IDE interface	Integrated Drive Electronics is an interface for mass storage devices, in which the controller is integrated into the optical drive.
LightScribe	LightScribe is an optical disc labeling technology that utilizes specially coated recordable CD and DVD media to produce laser-etched labels text or graphics
Multisession	Multisession recording is a method allows more than one recording session. If there is free space left on the CD after the first session, additional data can be record to it.
P-ATA interface	Parallel ATA (Advanced Technology Attachment) is a standard interface for connecting storage devices (For example: hard disk or optical drives)
PIO	Programmed Input/Output, a method of transferring data between two devices.
S-ATA interface	Serial ATA (Advanced Technology Attachment) is a computer bus primarily designed for transfer of data between a computer and storage devices (For example: hard disk or optical drives)
SAO	Session at Once recording is a method allows multiple sessions to be recorded and finalized on a disc.
TAO	Track at Once recording is a method where the recording laser stops after each track is finished and two run-out blocks are written. One link block and four run-in blocks are written when the next track is recorded. TAO discs can have both audio and data at the same time.
Variable packet	A variable number of user blocks is written between data linkage blocks. A variable packet shall be a part of the user data area of a track.