

CCC & O Level Full Forms

Complete Abbreviations Reference Guide

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Note: This PDF contains all essential computer abbreviations and full forms for CCC and O Level exams. Use this reference to master abbreviations for hardware, software, networking, and internet technologies.

Summary by Category

General: 72 full forms

Hardware: 4 full forms

GENERAL FULL FORMS - 72 ENTRIES

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
AGP	Accelerated Graphics Port	Both	Older slot type specifically for graphics cards (r...
API	Application Programming Interface	Both	Rules that allow two software programs to talk to...
ASCII	American Standard Code for Information Interchange	Both	Character encoding standard for electronic communi...
ASIC	Application-Specific Integrated Circuit	Both	A chip customized for a very specific task (like c...

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
BIOS	Basic Input/Output System	Both	Software on a chip that initializes hardware durin...
BTU	British Thermal Unit	Both	Unit used to measure the heat output of hardware c...
CACHE	Level 1 Cache	Both	The fastest, smallest memory located inside the CP...
CD	Compact Disc	Both	Smaller optical disc used for audio and small amou...
CLI	Command Line Interface	Both	Interacting with computers via text commands.
CMOS	Complementary Metal-Oxide-Semiconductor	Both	Small battery-backed chip that stores BIOS setting...
CRT	Cathode Ray Tube	Both	Older, bulky style of computer monitors and televi...
CSV	Comma Separated Values	Both	A simple text format for storing tabular data.
DBMS	Database Management System	Both	Software used to create and manage databases.
DDR	Double Data Rate	Both	Modern RAM technology that transfers data twice pe...
DIMM	Dual In-line Memory Module	Both	The physical circuit board that holds RAM chips.

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
DP	DisplayPort	Both	Digital display interface used primarily for high-...
DVD	Digital Versatile Disc	Both	Optical disc storage used for movies and data.
DVI	Digital Visual Interface	Both	Video interface used to connect a display to a com...
EEPROM	Electrically Erasable Programmable Read-Only Memory	Both	ROM that can be erased and rewritten using electri...
EPROM	Erasable Programmable Read-Only Memory	Both	ROM that can be erased using ultraviolet light and...
ESD	Electrostatic Discharge	Both	Sudden flow of electricity that can damage sensiti...
FPU	Floating Point Unit	Both	Part of the CPU designed specifically for math wit...
FTP	File Transfer Protocol	Both	Used for transferring files between computers.
GUI	Graphical User Interface	Both	A visual way for users to interact with computers.
HDD	Hard Disk Drive	Both	Magnetic storage device used for long-term data st...
HDMI	High-Definition Multimedia Interface	Both	Port for transmitting high-quality digital video a...

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
HID	Human Interface Device	Both	Standard for devices like keyboards, mice, and gam...
HLOOKUP	Horizontal Lookup	Both	Searches for a value in the first row of a table.
HTML	Hypertext Markup Language	Both	The standard language for creating web pages.
HTTP	Hypertext Transfer Protocol	Both	The protocol used for transferring web pages.
HTTPS	Hypertext Transfer Protocol Secure	Both	Encrypted and secure version of HTTP.
IDE	Integrated Development Environment	Both	A tool for writing and testing computer software.
IP	Internet Protocol	Both	A unique address identifying a device on a network...
ISA	Industry Standard Architecture	Both	An obsolete bus standard for PC expansion cards.
JSON	JavaScript Object Notation	Both	Lightweight data format used in web applications.
KVM	Keyboard, Video, and Mouse	Both	A switch used to control multiple PCs with one set...
LAN	Local Area Network	Both	Hardware/cabling for connecting computers in one b...

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
LCD	Liquid Crystal Display	Both	Standard technology used for flat-panel computer m...
LED	Light Emitting Diode	Both	Used for backlighting monitors and indicator light...
MODEM	Modulator-Demodulator	Both	Converts digital signals to analog (and vice versa...
NIC	Network Interface Card	Both	Hardware component that allows a computer to conne...
NVME	Non-Volatile Memory Express	Both	High-speed interface protocol for modern SSDs.
ODF	Open Document Format	Both	The open-source file format used by LibreOffice.
ODS	Open Document Spreadsheet	Both	The specific file extension for LibreOffice Calc f...
OLAP	Online Analytical Processing	Both	Technology for fast analysis of multidimensional d...
OLED	Organic Light Emitting Diode	Both	Advanced display technology where each pixel emits...
OS	Operating System	Both	Software that manages computer hardware and apps.
PCI-E	Peripheral Component Interconnect Express	Both	High-speed expansion bus for graphics and network...

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
PDF	Portable Document Format	Both	A format designed to present documents consistently...
PNP	Plug and Play	Both	Ability for hardware to be recognized and set up a...
POST	Power-On Self-Test	Both	Initial diagnostic test run by the BIOS when the P...
PROM	Programmable Read-Only Memory	Both	Memory chip that can be programmed once by a user.
RAM	Random Access Memory	Both	Volatile memory used to store data currently in us...
ROM	Read-Only Memory	Both	Non-volatile memory containing permanent start-up...
SATA	Serial Advanced Technology Attachment	Both	Standard interface for connecting HDDs and SSDs to...
SCSI	Small Computer System Interface	Both	Set of standards for connecting and transferring d...
SD CARD	Secure Digital Card	Both	Small flash memory card used in laptops and camera...
SDRAM	Synchronous Dynamic Random Access Memory	Both	Type of RAM that stays synchronized with the CPU C...

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
SMPS	Switched-Mode Power Supply	Both	Device that converts AC power from the wall to DC...
SQL	Structured Query Language	Both	Language used to manage data in databases.
SSD	Solid State Drive	Both	Faster, modern storage using flash memory with no...
UEFI	Unified Extensible Firmware Interface	Both	Modern, more secure replacement for the traditiona...
UPS	Uninterruptible Power Supply	Both	Provides emergency battery backup when main power...
URL	Uniform Resource Locator	Both	The specific address of a resource on the web.
USB	Universal Serial Bus	Both	Common interface for connecting peripherals like m...
VGA	Video Graphics Array	Both	Older analog standard for connecting monitors.
VLOOKUP	Vertical Lookup	Both	Searches for a value in the first column of a tabl...
VPN	Virtual Private Network	Both	Creates a secure connection over a public network.
VRAM	Video Random Access Memory	Both	Memory dedicated specifically to the graphics card...

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
WAN	Wide Area Network	Both	<i>A network spanning a large area, like the internet...</i>
WLAN	Wireless Local Area Network	Both	<i>A wireless version of a local network (Wi-Fi).</i>
XML	Extensible Markup Language	Both	<i>A language used to store and transport data.</i>

HARDWARE - 4 ENTRIES

ABBREVIATION	FULL FORM	COURSE	DESCRIPTION
ALU	Arithmetic Logic Unit	Both	<i>The part of the CPU that performs math and logic.</i>
CU	Control Unit	Both	<i>Directs the operation of the processor.</i>
GPU	Graphics Processing Unit	Both	<i>Processor dedicated to rendering images and video.</i>
CPU	Central Processing Unit	Both	<i>The primary brain of the computer that executes in...</i>