

4net group of computer institutions

COMPUTER NOTES

COMPUTER RELATED FULL FORM

4net group of computer institutions

2017-01-25

Computers Related Most Important Full Form

ALU - Arithmetic logic unit

ACPI: Advanced Configuration and Power Interface

AC: Alternating Current

AM: Amplitude Modulated

AMD: Advanced Micro Devices, Inc.

AMD: Advanced Micro Devices, Inc.

AMI: American Megatrends Inc.

ANSI: American National Standards Institute

APIC: Advanced Programmable Interrupt Controller

APM: Advanced Power Management

ASCII: American Standard Code for Information Interchange

ASIC: Application Specific Integrated Circuit

ASPI: Advanced SCSI Programming Interface

AT: Advanced Technology

ATA: AT Bus Attachment

ATAPI: ATA Packet Interface

ATM: Asynchronous Transfer Mode

BBS: Bulletin Board System

BCC: Block Check Character

BSC: Binary Synchronous Communications

BSD: Berkeley Standard Distribution

BTU: British Thermal Units

BCD: Binary Coded Decimal

BIOS: Basic Input / Output System

BNC: Bayonet Nut Connector

BPS/bps: Bytes/bits Per Second

CAM: Computer Aided Manufacturing

CAD: Computer Aided Design

CAS: Column Address Strobe

CPU - Central Processing Unit

CPI: Cycles Per Instruction

CR: Carriage Return

CUI - Composite User Interface

CRT - Cathode Ray Tube

CRC: Cyclical Redundancy Check

CD: Carrier Detect & Compact Disc

CD-R - Compact Disc-Recordable

CD-RW - Compact Disc-ReWritable

CD-ROM - Compact disc read-only memory

CGA: Color Graphics Adapter

CHS: Cylinder Head Sector

**COMPUTER - Common Oriented Machine
Particularly Used for Trade Education and Research**

CMOS: Complementary Metal-Oxide Semiconductor

CSR: Command Status Register

CTS: Clear To Send

DVI - Digital Visual Interface

DVD - Digital Video Disc or Digital Versatile Disc

DAT: Digital Audio Tape

DC: Direct Current

DCD: Data Carrier Detect

DCE: Data Circuit-terminating Equipment

DD: Double Density

DEC: Digital Equipment Corporation

DIP: Dual-In-line Package

DMA: Direct Memory Access

DMI: Desktop Management Interface

DOS: Disk Operating System

DPE: Data Parity Error

DRAM: Dynamic Random Access Memory

DS: Double Sided

DSP: Digital Signal Processor

DSR: Data Set Ready

DTC: Data Terminal Controller

DTE: Data Terminating Equipment

DTR: Data Terminal Ready

EBCDIC: Extended Binary Coded Decimal Interchange Code

EC: Error Check

ECC: Error Check and Correction

ECP: Enhanced Communication Port

ECU: EISA Configuration Utility

EDO: Extended Data Out RAM

EEPROM: Electrically Erasable Programmable Read Only Memory

EGA: Enhanced Graphics Adapter

EIA: Electronic Industries Association

EIDE: Enhanced Integrated Device Electronics

EISA: Enhanced Industry Standard Architecture

EMI: Electro-Magnetic Interference

EMF: Electro-Magnetic Force

EMS: Expanded Memory Specification

EOF: End Of File

EOL: End Of Line

EPP: Enhanced Parallel Port

EPROM: Erasable Programmable Read Only Memory

ESCD: Extended System Configuration Data

ESD: Electro-Static Discharge

ESDI: Enhanced Small Devices Interface

FTP - File Transfer Protocol

FAT: File Allocation Table

FCC: Federal Communications Commission

FDD: Fixed/Floppy Disk Drive

FDDI: Fiber Distributed Data Interface

FDM: Frequency Division Multiplexing

FDX: Full-Duplex Transmission

FE: Front End

FEP: Front End Processor

FF: Form Feed

FIFO: First-In First-Out

FILO: First-In Last-Out

FM: Frequency Modulation

FPGA: Field Programmable Gate Array

FPM: Fast Page Mode RAM

FPU: Floating Point Unit

FRC: Functional Redundancy Checking

FRU: Field-Replaceable Unit

FSF: Free Software Foundation

FSK: Frequency Shifty Keying

GUI - Graphical user interface

GAS: Gallium Arsenide

GFLOPS: Billions of Floating Point Operations Per Second

HTML – Hyper Text Markup Language

HD: High Density / Hard Disk

HDD: Hard Disk Drive

HDX: Half-Duplex Transmission

HFS: Hierarchical File System

HPFS: High Performance File System

IBM - International Business Machines, Indian Bureau of Mines

I/O: Input/Output

IC: Integrated Circuit

IDE: Integrated Device Electronics

IEEE: Institute of Electrical and Electronic Engineers

IMP: Interface Message Processor

IPC: Inter Process Communication

IPX: Inter network Packet eXchange

IRQ: Interrupt ReQuest

ISA: Industry Standard Architecture

ISDN: Integrated Services Digital Network

ISO: International Standards Organization

JFS: Journalized File System

KNI: Katmai New Instructions

KVA: KiloVolt-Amps

LBA: Linear Block Array / Addressing

LCD - Liquid crystal display

LAN - Local area network

LOGO - Language of Graphic-Oriented

LED: Light Emitting Diode

LF: Line Feed

LIM: Lotus/Intel/Microsoft's Expanded Memory Manager

LRU: Least-Recently Used

LSB/ls**b: Least Significant Byte/bit**

LSI: Large Scale Integration

LUN: Logical Unit Number

LASER - Light Amplification by Stimulated Emission of Radiation

MAN - Metropolitan area network

MIPS - Microprocessor without Interlocked Pipeline Stages

MSo - Micro Soft Office, Multi system operator

MB/Mb: Mega Bytes/bits

MBR: Master Boot Record

MCA: Micro Channel Architecture

MCGA: Multi-Color Graphics Array

MCM: Multi-Chip Module

MDRAM: Multi-bank RAM

MFLOPS: Millions of FLOating Point Operations per Second

MFM: Modified Frequency Modulated

MHz: MegaHertz

MICR: Magnetic Ink Character Recognition

MIDI: Musical Instrument Data Interface

MIMD: Multiple-Instruction Multiple-Data

MISD: Multiple-Instruction Single Data

MMX: Multi-Media Extensions

MNP: Microcom Network Protocol

MODEM: MODulator / DEModulator

MOPS: Millions of Operations Per Second

MOS: Metal-Oxide Semiconductor

MP: Multi-Processor

MPP: Massively Parallel Processor

MPS: Multi-Processor System

MSB/msb: Most Significant Byte/bit

MSDOS: Microsoft's Disk Operating System

SI: Medium Scale Integration

MTBF: Mean Time Between Failure

N/C: No-Connect

NBS: National Bureau of Standards

NEMA: National Electrical Manufacturers Association

NFS: Network File System

NFU: Not-Frequently Used

NMI: Non-Maskable Interrupt

NMOS: Negatively doped Metal-Oxide Semiconductor

NOP: No Operation NRU Not-Recently Used

NSF: National Science Foundation

NVRAM: NonVolatile Random Access Memory

OCR: Optical Character Recognition

ODI: Open Data link Interface

OEM: Original Equipment Manufacturer

OS: Operating System

OSF: Open Software Foundation

OSI: Open Systems Interconnect

PAL/PLA: Programmable Array Logic / Logic Array

PB: Push Button

PBX: Private Branch eXtender

PC: Personal Computer, Program Counter

PCB: Printed Circuit Board

PCI: Peripheral Component Interconnect

PCM: Pulse Code Modulation

**PCMCIA: Personal Computer Memory Card
International Association**

PE: Processor Element

PFF: Page Fault Frequency

PGA: Professional Graphics Array

PGA: Pin Grid Array

PIC: Programmable Interrupt Controller

PIO: Programmed Input / Output

PIROM: Processor Information ROM

PLCC: Plastic Leaded Chip Carrier

PLL: Phase Locked Loop

PM: Preventive Maintenance

PMOS: Positively doped Metal-Oxide Semiconductor

PnP: Plug-and-Play

POST: Power On Self Test

PPP: Point-to-Point Protocol

PQFP: Plastic Quad Flat Pack

PROM: Programmable Read Only Memory

PSTN: Public Switched Telephone Network

PTE: Page Table Entry

QAM: Quadrature Amplitude Modulation

QFP: Quad Flat Pack

QIC: Quarter Inch Cartridge

RAM - Random-access memory

RAID: Redundant Arrays of Inexpensive Disks

RAMDAC: Random Access Memory Digital to Analogue Converter

RAS: Row Address Strobe

RCA: Radio Corporation of America

RCC: Routing Control Center

RDRAM: Rambus DRAM

RFC: Request For Comments

RFI: Radio Frequency Interference

RI: Ring Indicator

RISC: Reduced Instruction-Set Computer

RLL: Run Length Limited

RMS: Root Mean Squared

RMW: Read Modify Write

ROM: Read Only Memory

RPC: Remote Procedure Call

RPM: Rotations Per Minute

RTC: Real Time Clock

RTS: Request To Send

SAM: Sequential Access Memory

SASI: Shugart Associates Standard Interface

SCSI: Small Computer Systems Interface

SD: Single Density

SDLC: Synchronous Data Link Control

SDRAM: Synchronous Dynamic RAM

SDRAM DDR: Double Data Rate SDRAM

SDRAM BDDR: Bi-Directional Strobed DDR SDRAM

SE: Systems Engineer

SEC: Single Edge Contact

SFF: Small Form Factor

SGRAM: Synchronous Graphics RAM

SMS - Short Message Service

SIMD: Single-Instruction Multiple-Data

SIMM: Single Inline Memory Module

SIPP: Single Inline Pinned Package

SISD: Single-Instruction Single-Dat

SLIP: Serial Line Internet Protocol

SMD: Surface Mount Device

SMT: Surface Mount Technology

SNA: System Network Architecture

SNR: Signal to Noise Ratio

SO/SOL: Small Out Line

SOIC: Small Outline Integrated Circuit

SPOOL: Simultaneous Peripheral Operation On Line

SPT: Sectors Per Track

SPU: Single Processor Unit

SRAM: Static Random Access Memory

SS: Single Sided

STDM: Synchronous Time Division Multiplexing

STN: Super Twisted Nematic

STU: Streaming Tape Unit

SVGA: Super Video Graphics Array

TCM: Trellis Code Modulation

TCP/IP: Transmission Control Protocol / Internet Protocol

TDM: Time Division Multiplexing

TI: Texas Instruments

TIA: Telecomm Industry Association

TLB: Translation-Look aside Buffer

TPI: Tracks Per Inch

TRANSISTOR: TRANSformer resISTOR

TSR: Terminate and Stay Resident

TTL: Transistor-Transistor Logic

UAE: Unrecoverable Application Error

UART: Universal Asynchronous Receiver/Transmitter

UDP: User Datagram Protocol

UMB: Upper Memory Block

UNIX: A trademark used for a computer disk operating system

UPS - Uninterruptible power supply

USL: UNIX System Labs

UUCP: UNIX to UNIX Copy Program

VIRUS - Vital Information Resources Under Seize

VDU - Visual Display Unit

VBE: Video BIOS Extensions

VCR: Video Cassette Recorder VESA: Video Enhanced Standards Association

VGA: Video Graphics Array

VLB: VESA Local Bus

VLIW: Very Long Instruction Word

VLSI: Very Large Scale Integration

VM: Virtual Memory

VME: Versa Module Euro-card

VRAM: Video Random Access Memory

VRT: Voltage Reduction Technology

VTR: Video Tape Recorder

WAN - Wide area network

WATS: Wide Area Telephone Service

WD: Western Digital

WORM: Write Once - Read-Many

WRAM: Window Random Access Memory

WS: Wait State

WWW - World Wide Web

XGA: eXtended Graphics Array

XMS: Extended Memory Specification

XOR: Exclusive-OR

XT: eXtended Technology

ZIF: Zero Insertion Force

4net group of computer institutions