

Rechnerorganisation: Abkürzungsverzeichnis

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A Abkürzungsverzeichnis

ACL	Access Control List	CIFS	Common Internet File System. Erweiterte Version des Server Message Block Protokolls (SMB)
ADS	Alternative Data Stream	CSA	Communication Streaming Architecture
AGP	Accelerated Graphics Port	DCE	Data Communication Equipment
ANSI	American National Standards Institute	DEE	Datenendeinrichtung
API	Application Programming Interface	DHCP	Dynamic Host Configuration Protocol
ARP	Address Resolution Protocol	DLL	Dynamic Link Library
ASCII	American Standard Code for Information Interchange	DMA	Direct Memory Access
ATA	”AT Attachment”; Mit “AT” wurde früher ein PC mit INTEL-CPU ≥ 80286 bezeichnet.	DNS	Domain Name System
bash	bourne again shell	DRAM	Dynamic Random Access Memory
BIND	Berkeley Internet Name Domain	DS	Directory Services
BIOS	Basic Input Output System; <i>BASIC</i> bedeutet hier “ <i>grundlegend</i> ” und meint nicht die Programmiersprache.	DSP	Digitaler Signalprozessor
BPS	Bit pro Sekunde; Einheit für Übertragungsgeschwindigkeit	DTE	Data Terminal Equipment
CAS	Column Address Strobe	DÜE	Datenübertragungseinrichtung
CCITT	Comité Consultatif International Téléphonique et Télégraphique	DVD	Digital Versatile Disc
CD	Compact Disc	DVD-R	DVD Recordable
CD-R	CD Recordable: nur einmal beschreibbar	DVD-RAM	DVD Random Access Memory
CD-RW	CD Rewritable: wiederbeschreibbar	ECC	Error Correction Code
CHS	Cylinder, Head, Sector (CHS-Adresse)	EIDE	Enhanced IDE
CISC	Complex Instruction Set Computer	EPIC	Explicit Parallel Instruction Computing
		FAT	File Allocation Table
		FC	Fibre Channel
		FCIP	Fibre Channel over IP
		FPU	Floating Point Unit
		FSB	Frontside-Bus
		GDT	Global Descriptor Table
		GUI	Graphical User Interface
		HDD	Hard Disk Drive

HT	Hyper-Threading	PCI	Peripheral Component Interconnect
HT	HyperTransport	PCIe	PCI Express
HVD	(High Voltage) Differential SCSI	PEG	PCI Express for Graphics; äquivalent zu PCIe-x16
HVM	Hardware Virtual Machine	POSIX	IEEE Portable Operating System Interface for Computing Environments ¹
ICH	I/O Controller Hub	PV	Physical Volume
IDE	Integrated Drive Electronics	RAID	“Redundant Array of Inexpensive Disks” oder “Redundant Array of Independent Disks”
IDT	Interrupt Descriptor Table	RARP	Reverse Address Resolution Protocol
IEEE	Institute of Electrical and Electronics Engineers	RAS	Row Address Strobe
ISO	International Organization for Standardization	RFC	Request for Comment
JFS	Journaling File System	RISC	Reduced Instruction Set Computer
ksh	Korn shell	RPC	Remote Procedure Call
KVM	Kernel-basierte Virtuelle Maschine	RPCL	Remote Procedure Call Language
LBA	Logische Blockadresse	rsh	Remote Shell, aber bei HP-UX: Restricted Shell
LDAP	Lightweight Directory Access Protocol	RT	Real-Time
LDT	Local Descriptor Table	SAN	Storage Area Network
LFN	Long File Name	SAS	Serial attached SCSI, siehe auch “SCSI”
LIN	Local Interconnect Network	SATA	Serial ATA, siehe auch “ATA”
LPAR	Logical Partition	SCSI	Small Computer System Interface; gesprochen: “skasi” oder “skassi”
LSB	Least Significant Bit	SE	Single Ended SCSI
LV	Logical Volume	SIMD	Single Instruction, Multiple Data
LVDS	Low Voltage Differential SCSI	SISD	Single Instruction, Single Data
LVM	Logical Volume Manager	SMB	Server Message Block (Kommunikationsprotokoll)
MAC	Media Access Control (MAC-Adresse)	SMP	Symmetrisches Multiprocessing
MBR	Master Boot Record	SMT	Simultaneous Multithreading
MCH	Memory Controller Hub	SOAP	Simple Object Access Protocol
MFT	Master File Table	SRAM	Statisches RAM
MMU	Memory Management Unit	SSD	Solid State Disk, Solid State Drive
MO	magneto-optische Platte	SSH	Secure Shell
MRAM	Magnetoresistive Random Access Memory	TCP	Transmission Control Protocol
MSB	Most Significant Bit	UDP	User Datagram Protocol
MVC	Model-View-Controller Modell	USB	Universal Serial Bus
NAN	Not a Number	UTF	Unicode Transformation Format
NAS	Network Attached Storage	VG	Volume Group
NFS	Network File System	VM	Virtuelle Maschine, Virtual Machine
NIS	Network Information Services	XDR	External Data Representation
NTFS	NT-Filesystem	YP	Yellow Pages
NTP	Network Time Protocol		
OS	Operating System		
PATA	Parallel-ATA, siehe auch “ATA”		

¹ 'X' steht für UNIX

