

# COMPUTER HARDWARE CHART

### NoteBook RAM

- 72 pin SO-DIMM
- 144 pin SO-DIMM
- 160 pin RDRAM RamBus SO-RIMM
- 200 pin DDR SO-DIMM
- 200 pin DDR2 SO-DIMM
- 204 pin DDR3 SO-DIMM
- 144 pin MICRODIMM PC100/133
- 172 pin MICRODIMM DDR/DDR2
- 214 pin MICRODIMM DDR2

### Desktop Ram

- DIPP Memory
- 30 pin SIPP
- 30 pin SIMM
- 72 pin SIMM
- 168 pin DIMM
- 168 pin PC100
- 184 pin CRIMM Spacer
- 184 pin 16bit RDRAM
- 232 pin 32bit RDRAM
- 326 pin 64bit RDRAM
- 64bit RDIMM
- XDIMM
- XDR
- 184 pin DDR
- 240 pin DDR2
- 240 pin DDR2 FB-DIMM
- 240 pin DDR3

### Hard Drives

- 1.8" ZIF IDE/CF - 40 pin
- 1.8" IDE/CF - 50 pin
- Laptop/Desktop SATA - 7 pin
- 2.8" Laptop IDE - PATA - 44 pin
- 3.5" Desktop IDE - PATA - 40 pin
- SCSI - IDC - 50 pin
- SCSI - SCA - 80 pin
- SCSI - SAS - 7 pin (data)
- SCSI - DB 68 - 68 pin

### Ports

- Optical Audio "Toslink"
- USB A 1.0/1.1/2.0
- Firewire 4 pin iLink
- Firewire 400 1394a
- Firewire 800/3200 1394b/c
- Ethernet RJ-45
- Modem RJ-11
- Apple Desktop Bus - ADB
- Mac Serial
- PS/2
- USB A 3.0
- DB-9F
- DB-25 Serial/Com Port
- DE(B)-9 Serial RS232
- e-SATA
- Centronics Parallel 25pin
- Centronics SCSI 50pin
- AT Keyboard
- 50 pin SCSI 2
- Surround sound
- stereos/Headphones
- Line In
- Mic
- Digital Audio RCA plug style
- AAUI
- Composit Audio/Video
- S-Video
- Component Video
- RF/COAX
- Parallel Port/SCSI 1/DB-25F
- Mac Video/MIDI /gameport/AUI/DA-15
- Mini DisplayPort
- Mini-DVI
- Mini-VGA
- Apple Hi-Density Video HDI-45
- Apple Display Connector - ADC
- LFH60 (dual DVI-D)
- DMS59 (dual DVI-D)
- HDMI Video
- Micro-DVI
- DisplayPort
- DVI Video
- HD-15 VGA/SVGA

### Processor Card Slots

- Slot 1 / SC242 - Intel Celeron SEPP, Pentium II, Pentium III - 242 pins
- Slot A - AMD Athlon - 242 pins
- Slot 2 / SC330 - Intel Pentium III Xeon, Pentium III Xeon - 330 pins
- 601/804 Mac Processor Slot - 148 pins

### Processor Card Sockets

- PAC 418 Intel Itanium - 418 pins
- PAC811/Socket 700 Intel Itanium 2, HP PA-RISC 8500 and 8900 - 811 pins
- MMC-1 280 pins
- MMC-2 - 400 pins
- Micro-cartridge - 240 pins
- Apple G3/G4/G5 Processor card socket - 300 pins

### Peripheral Cards

- NuBus
- eISA
- PDS
- ISA 8bit
- ISA 16bit
- PCI 5V
- PCI Universal
- PCI-X 5V
- AGP Universal
- AGP 3.3v
- PCIe x1
- PCIe x16

### Desktop Card Slots

- NuBus
- LC Processor Direct Slot - LC PDS
- Processor Direct Slot - PDS
- 601 Processor Direct Slot/Personality Slot
- Peripheral Component Interconnect Express - PCIe x1
- Peripheral Component Interconnect Express - PCIe x4
- Peripheral Component Interconnect Express - PCIe x8
- PCIe x16 / PCIe 2.0 x32
- Accelerated Graphics Port - AGP Universal
- Accelerated Graphics Port - AGP 1.5volt
- Accelerated Graphics Port - AGP 3.3volt
- Accelerated Graphics Port - AGP Pro 1.5volt
- Peripheral Component Interconnect extended - PCI-X 3.3volt
- Peripheral Component Interconnect extended - PCI-X 5volt
- Peripheral Component Interconnect - PCI 5volt
- Peripheral Component Interconnect - PCI 3.3volt
- Communications/Network Riser - CNR
- Audio/Modem Riser - AMR
- Advanced Communication Riser - ACR
- ISA 16 - VLB (VESA)
- Extended Industry Standard Architecture - eISA
- Industry Standard Architecture - ISA 16bit
- Industry Standard Architecture - ISA 8bit/PC Bus

## CPU Sockets

AMD/INTEL: ■ AMD: ■ INTEL: ■ Apple: ■ Other: ■

- PIN DIP 8086/8088 40 pin
- 68 pin PLCC 80188, 80286, 80386
- 80386 80386 - 132 pin
- Socket 486 486 DX - 168 pin
- Socket 1 486 DX/CA/SX/SX2 - 169 pins
- Socket 2 80486 DX, DX2, SX, SX2, Pentium Overdrive - 238 pin.
- Socket 3 80486 DX, DX2, SX, SX2, Pentium overdrive, 5u86 237 pin
- Socket 4 Intel Pentium 60/65MHz 273 pins
- Socket 5 Pentium 75-133MHz, K5, WinChip C6 323 pins
- Socket 7 486 Pentium, MMX, AMD K5, K6, 6x86DX, K6i - 321 pin
- Socket 370 Pentium Pro/Pentium II Overdrive - 387 pin
- Socket 370 Pentium III, Celeron, Cytrix, VIA C3 370 pins
- Socket 423 Pentium 4 - 423 pins
- LGA 775 / Socket T Pentium 4/Extreme, Pentium D, Celeron D, Core 2 Duo, Core 2 Extreme, Celeron Xeon 5000 Core 2 Quad - 775 pins
- Socket 603 Intel Xeon, Mobile Pentium 4 - 603 pins
- Socket 604 Intel Xeon - 604 pins
- LGA 771 / Socket J Intel Xeon - 771 pins
- LGA 1366 / Socket B Bloomfield core - 1366 pins
- Socket 495 / MicroPGA 2 Mobile Celeron P3 - 495 pin
- Socket 479 / mPGA479M Pentium M, Celeron M, VIA C7-M 479 Pins
- Socket 479v2 / mPGA479MB P4, Celeron D/M, Core Duo/Solo P4 Extreme, Pentium M, Mobile Celeron Mobile Pentium III4 - 478 pins
- Socket 478/Socket M(laptop) P4, Celeron D/M, P4 Extreme, Laptop Core solidus, Core 2 Duo Celeron M - 478 pins
- Socket P / mPGA478MT Core 2 Duo, Pentium Dual-Core, Celeron M 478 pins
- mPGA989 989 pins Q2 2009
- Future
- Future
- Release date: Q2 2009
- LGA 715 / Socket H replaces Socket TLGA 775 715 pins
- LGA 1160 / Socket H1 1160 pins
- Socket 423 Pentium 4 - 423 pins
- Socket AM2/AM2+AM3 Athlon/B4FX/K2, Opteron, Sempron (AM2) Phenom (AM2+) - 940 pins
- Socket 563 / Socket A compact Mobile Athlon, CP-M 563 pins
- Socket S1 Triulon 64/X2, Athlon Mobile, Sempron 638 pins
- Socket F / Socket 1207 Opteron 2, Athlon 64 FX (FX only) 1207 pins
- Socket G34 Next Gen AMD processor socket 1974 pins
- Socket 463 / Socket NextGen Nx586 - 463 pins
- DEQ Alpha 21164A - 499 pins
- 85C02 40 pins
- Motorola 68030 128 pins
- Motorola 68040 479 pins
- G3/G4 ZIF 288 pins

### Power Connectors

- S-ATA Power 5 overall pins
- Molex 4 Pins
- Mini-Molex 4 pins Floppy drive power
- ATX - 20 pins Power connectort
- ATX 2.2 - 20 - 4 pins Power connector
- AT power - pair for AT motherboards
- CPU 12v 8 Pins
- CPU 12v 4 Pins
- PCI-e Power 6 or 8 pins

Motherboard edge