

PC STANDARDS CHART

Modern PCs are not conceived in a vacuum; rather, they are founded upon a combination of well-established industry standards. The following table lists most of the current industry standards used in the development of a personal computer.

SPECIFICATION	DESCRIPTION	REVISION LEVEL
AC '97	Audio Codec '97	v.2.1, May 1998 (Intel) ftp://download.intel.com/pc-supp/platform/ac97
ACPI	Advanced Configuration and Power Interface	v.1.0b, February 1999 (Intel, Microsoft, Toshiba) http://www.teleport.com/~acpi/
AGP	Accelerated Graphics Port	v.2.0, May 1998 (Intel) http://www.agpforum.org/
AMI BIOS	American Megatrends BIOS Specification	AMI BIOS '99 (American Megatrends) http://www.ami.com/download/amibios99.pdf
AMR	Audio Modem Riser	v.1.01, September 1998 (Intel) ftp://download.intel.com/pc-supp/platform/ac97/amr101.pdf
APM	Advanced Power Management BIOS Specification	v.1.2, February 1996 (Intel, Microsoft) http://www.microsoft.com/hwdev/busbios/amp_12.htm
ATA-3	Information Technology - AT Attachment-3 Interface	Version 6, October 1995 (ASC X3T10 Committee) http://www.t13.org/
ATAPI	ATA Packet Interface	Version 18, August 1998 (T13/Seagate Technology) http://www.t13.org/
ATX	ATX Form Factor Specification	Version 2.01, February 1997 (Intel) http://developer.intel.com/design/motherbd/atx.htm
DDC	Display Data Channel Standard	Version 2, Revision 0, April 1996 Video Electronics Standards Association (VESA)
DMI	Desktop Management Interface	Version 2.0, October 1995 BIOS Specification American Megatrends Inc., Award Software International Inc., Dell Computer Corporation, Intel, Phoenix Technologies Ltd, SystemSoft Corporation
DPMS	Display Power Management Signaling	Revision 1.0 Video Electronics Standards Association (VESA)
"El Torito"	Bootable CD-ROM Format Specification	Version 1.0, January 1995 (Phoenix, IBM) http://www.ptltd.com/techs/specs.html
EPP	Enhanced Parallel Port (IEEE 1284 standard)	Version 1.7, 1997 (IEEE) http://standards.ieee.org/catalog/bus.html

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Feature Connector	Video Advanced Feature Connector (VAFC)	Version 1.0, March 1994 Video Electronics Standards Association (VESA)
IrDA	Serial Infrared Physical Layer Link Specification	Version 1.1, October 1995 (Infrared Data Association) http://www.irda.org/standards/pubs/IrData.zip
LPC	Low Pin Count Interface	Version 1.0, September 1997 (Intel) http://www.intel.com/design/chipsets/industry/lpc.htm
Management Extension Hardware	LM78 Microprocessor System Hardware Monitor	Current Web site: http://www.national.com/pf/LM/LM78.html
NLX	NLX Form Factor Specification	Version 1.2, February 1997 (Intel) http://www.teleport.com/~nlx/
	NLX Power Supply Recommendations	Version 1.1, May 1997 (Intel) http://www.teleport.com/~nlx/
PCI	PCI Local Bus Specification	Version 2.2, December 1998 (PCI Special Interest Group) http://www.pcisig.com/
	PCI Bus Power Management	Version 1.1, December 1998 (PCI Special Interest Group) http://www.pcisig.com/
Phoenix BIOS	Phoenix BIOS Specification	Version 4.0, February 1997 (Phoenix) http://www.ptltd.com/
Plug-and-Play	Plug-and-Play BIOS Specification	Version 1.0a, May 1994 (Compaq, Phoenix, Intel) http://www.microsoft.com/hwdev/respec/pnpspecs.htm
RIMM	Rambus Serial Presence Detect Specification	Version 1.0, March 1999 (Rambus) http://www.rambus.com/developer/support_rimm.html
	Rambus RIMM Specification	Version 1.0, February 1999 (Rambus) http://www.rambus.com/developer/development_support.html
SDRAM DIMMs	PC SDRAM Unbuffered DIMM PC SDRAM SIMM (General) PC Serial Presence Detect	Version 1.0, February 1998 (Intel) Version 1.5, November 1997 (Intel) Version 1.2a, December 1997 (Intel)
SMBIOS	System Management BIOS	Version 2.3, August 1998 (Industry consortium) http://developer.intel.com/ial/wfm/design/smbios
UHCI	Universal Host Controller Interface	Version 1.1, March 1996 (Intel) http://developer.intel.com/design/usb/UHC111D.htm
USB	Universal Serial Bus Specification	Version 1.1, September 1998 (Compaq, Intel, Microsoft, NEC) http://www.usb.org/developers
WFM	Wired for Management	Version 2.0, December 1998 (Intel) http://developer.intel.com/ial/wfm/wfmspecs.htm