

PC STANDARDS

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

DESIGNATION	DESCRIPTION	VERSION	WEB SITE
AC '97	Audio Codec '97	Version 2.1, May 1998	ftp://download.intel.com/ial/scalableplatforms/ac97r22.pdf
ACPI	Advanced Configuration and Power Interface	Version 2.0, July 27, 2000	www.teleport.com/~acpi/
AGP	Accelerated Graphics Port	Version 2.0, May 4, 1998	www.agpforum.org/
AMI BIOS	American Megatrends BIOS	AMIBIOS 99, 1999	www.amij.com/amibios/bios.platforms.desktop.html
AMR	Audio Modem Riser	v.1.01, September 1998	ftp://download.intel.com/pc-supply/platform/ac97/amr101.pdf
APM	Advanced Power Management BIOS Interface	Version 1.2, February 1996	www.microsoft.com/hwdev/busbios/amp_12.htm
ATA/ATAPI-5	AT Attachment with Packet Interface –5	Revision 3, February 29, 2000	www.t13.org
ATX	ATX Specification	Version 2.03, December 1998	www.formfactors.org/developer/specs/atx/atxspecc.htm
ATX12V	ATX / ATX12V Power Supply Design Guide	Version 1.1, August 2000	www.formfactors.org/developer/specs/atx/atxspecc.htm
BIS	Boot Integrity Services	Version 1.0 for WfM 2.0, August 1999	developer.intel.com/design/security/bis/bisfaq.htm
CNR	Communication and Networking Riser (CNR) Specification	Version 1.1, October 18, 2000	developer.intel.com/technology/cnr/index.htm
DDC	Display Data Channel Standard	Version 2, Revision 0, April 1996	Video Electronics Standards Association (VESA)
DMI	Desktop Management Interface BIOS Specification	Version 2.0, October 1995	- - -
DPMS	Display Power Management System	Revision 1.0	Video Electronics Standards Association (VESA)
EI Torito	Bootable CD-ROM Format Specification	Version 1.0, January 25, 1995	www.ptltd.com/techs/specs.html

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EPP	IEEE std 1284.1-1997 Enhanced Parallel Port	Version 1.7, 1997	standards.ieee.org/reading/ieee/std_public/description/busarch/1284.1-1997_desc.html
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	www.irda.org/standards/pubs/IrData.zip
LPC	Low Pin Count Interface Specification	Version 1.0, September 29, 1997	www.intel.com/design/chipsets/industry/lpc.htm
Management Extension Hardware	LM78 Microprocessor System Hardware Monitor	---	www.national.com/pf/LM/LM78.html
NLX	NLX Form Factor Specification	Version 1.2, February 1997	www.teleport.com/~nlx/
	NLX Power Supply Recommendations	Version 1.1, May 1997	www.teleport.com/~nlx/
PCI	PCI Local Bus Specification	Version 2.2, December 18, 1998	www.pcisig.com/
	PCI Bus Power Management Interface Specification	Version 1.1, December 18, 1998	www.pcisig.com/
Phoenix BIOS	Phoenix BIOS Specification	Version 4.0, February 1997	www.ptltd.com/
Plug-and-Play	Plug-and-Play BIOS Specification	Version 1.0a, May 5, 1994	www.microsoft.com/hwdev/respec/pnpspecs.htm
PXE	Preboot Execution Environment	Version 2.1, September 1999	developer.intel.com/ial/WfM/wfm20/design/mapxe/index.htm
RIMM	Rambus Serial Presence Detect (SPD) Specification	Version 1.0, March 1999	www.rambus.com/developer/support_rimm.html
	Rambus RIMM Specification	Version 1.0, February 1999	www.rambus.com/developer/development_support.html
SDRAM DIMMs	PC SDRAM Unbuffered DIMM	Version 1.0, February 1998	---
	PC SDRAM SIMM (General)	Version 1.5, November 1997	---
	PC Serial Presence Detect	Version 1.2a, December 1997	---
SMBIOS	System Management BIOS	Version 2.3.1, March 16, 1999	developer.intel.com/ial/wfm/design/smbios
UHCI	Universal Host Controller Interface Design Guide	Version 1.1, March 1996	www.usb.org/developers
USB	Universal Serial Bus Specification	Version 1.1, September 23, 1998	www.usb.org/developers
WfM	Wired for Management Baseline	Version 2.0, December 18, 1998	developer.intel.com/ial/WfM/wfmspecs.htm