ASUStek (ASUS) P4B BIOS Notes   2011/11/21-22
by CW Cyrix

Updated: 2018/06/02

2018

[0602]
Added BIOS Ver. 1008 BIOS notes.
Fixed BIOS 1003 note formatting to be consistent with all notes.
Updated Missing BIOS section.

2022

[0909]
Added BIOS Ver. 1004 Beta 001 BIOS notes.
Changed BIOS 1004.001 note formatting to be consistent with all notes.

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*This is an unofficial compilation of the Asus P4B BIOS Release Notes. As such,
they are in ascending order. Missing BIOSes are: BIOSes earlier than 1003, e.g.
1002, 1001; BIOS 1006 Beta 02.*

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BIOS 1003
P4B BIOS Ver. 1003 09/03/2001
Fix CPU fan rotation detection problem.

Beta BIOS 1004.001
P4B Beta BIOS 1004.001 09/05/2001
Fix P4B could not install Chinese Win98SE from CD-ROM.

BIOS 1004
P4B BIOS Ver. 1004 09/24/2001
Support AGP 4X override.
Fix keyboard controller sometimes fails when resume system from S1 by PS/2 mouse.
Fix AGP function sometimes disabled when DRAM frequency is equal to host frequency.
Fix AC97 audio controller subsystem ID is incorrect after system resume from S3.
Fix Windows 2000 and Windows XP lock up when booting if all PnP devices in super I/O
are disabled.
Fix more than one key can power up the system when PS/2 keyboard wake up function is
set to "Power Key".
Fix RTC can not power up the system after Windows is shut down.
Fix system can not be wake up from S4 after system resume from S3.
Fix Windows 98SE Chinese Edition can not be installed from bootable CD-ROM when HDD is
partitioned into 2 or more drives.

BIOS 1005
P4B BIOS Ver. 1005 10/17/2001
Fix system reboots itself when shutting down from Windows 2000 in APM mode.
Fix system can not boot up with RAMOS RM28S180TA-13AC 128MB 133MHz SDRAM.

BIOS 1008
P4B BIOS Ver. 1008 12/27/2001
Fix system cannot boot from some bootable floppy disks.
Add new CPU microcode update for CPUID F23 and F24.

Fix system shows hardware monitor error with some chassis fans.
Fix fan speed is unstable when the fan is hot-plugged with certain CPU fans.
Add support for CPU fan speed detection.
Add TRPWR temperature detection in the setup menu.
Remove "Power On USB" item from the setup menu.
Remove "Primary" option from USB function in the setup menu.
Fix Vcore selectable range of new Northwood CPU is inncorrect.
Fix AMI Express 500 RAID controller fails to enter its configuration menu.
Fix system cannot boot in jumper mode when CMOS is cleared.
Fix PS/2 mouse is locked when it is moved during booting into Windows XP.
Add support for IDE 48-bit LBA mode.
Fix LPT device of device manager in Windows 98SE APM mode displays yellow exclaimation
mark.

BIOS 1009
P4B BIOS Ver. 1009 01/28/2002
Support new version of MCH and ICH2.

BIOS 1010
P4B BIOS Ver. 1010 05/06/2002
Support new CPU.
Fix the system can not boot into Linux bootable floppy disk.
Fix the system can not enter Aopen VGA BIOS setup menu.
Fix some USB devices can not work properly after the system resumed from S3.
Fix the automatic power up function failed after AC power loss.

BIOS 1012
P4B BIOS Ver. 1012 08/22/2002
Fix the L2 cache size of some new Pentium 4 CPU is not displayed correctly.
Fix SD device can not work properly.

Beta BIOS 1013.002
P4B Beta BIOS 1013.002 06/10/2003
The latest Beta BIOS.

Beta BIOS 1013.004
P4B Beta BIOS 1013.004 12/15/2003
The latest Beta BIOS.