

Acer S88M, S88M w/G BIOS Released Notes - 1/27/2002

January 27, 2002

Revision History

Date	BIOS revision	File name	Checksum	Release type
January 17, 2003	R02-B2	S88M2B2.BIN	3400h	Production Version
January 8, 2003	R02-B1	S88M2B1.BIN	5700h	Production Version
November 19, 2002	R01-B4S4	S88MB4S4.BIN	CE00h	Service BIOS
October 28, 2002	R01-B4S3	S88MB4S3.BIN	1100h	Service BIOS
September 25, 2002	R01-B4S2	S88MB4S2.BIN		Service BIOS
July 12, 2002	R01-B4S1	S88MB4S1.BIN		Service BIOS
June 21, 2002	R01-B4	S88M1B4.BIN	4800h	Production Version
May 8, 2002	R01-B3	S88M1B3.BIN	4C00h	Production Version
April 26, 2002	R01-B2	S88M1B2.BIN	C800h	Service BIOS
April 19, 2002	R01-B1	S88M1B1.BIN	4000h	Production Version
April 16, 2002	R01-B0DDRT3	88MDDRT3.BIN		Media Review
April 11, 2002	R01-B0	S88M1B0.BIN	F500h	Production Version
April 4, 2002	R01-A6	S88M1A6.BIN	9100h	Beta Candidate
April 1, 2002	R01-A5	S88M1A5.BIN	0A00h	Beta Candidate
March 26, 2002	R01-A4	S88M1A4.BIN	4300h	Beta Candidate
March 18, 2002	R01-A3	S88M1A3.BIN	FD00h	Beta Candidate
January 25, 2002	R01-A1	S88M1A1.BIN	4B00h	Beta Candidate
January 18, 2002	R01-A0	S88M1A0.BIN	CD00h	Beta Candidate

Model Support

Veriton 7500
Veriton 5500
Veriton 3500
Veriton 7500G
Veriton 5500G
Veriton 3500G

New Features

R02-B2

Reference	Description
1	NA

R02-B1

Reference	Description
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1	Update VGA BIOS to v2720
2	Add HyperThreading CPU code (default disabled)
<u>R01-B4S4</u>	
Reference	Description
1	Change Non-ACPI FAN PWM speed default from 4500rpm to 3800rpm
2	Supported PMC49FL004T flash ROM
3	Supported CUID F27 microcode
4	Supported HDD S.M.A.R.T. function
5	Changed VGA BIOS to build 2690
<u>R01-B4S3</u>	
Reference	Description
1	Remove Boot Sequence Pop-up menu for customer request
<u>R01-B4S2</u>	
Reference	Description
1	NA
<u>R01-B4S1</u>	
Reference	Description
1	Change ACPI FAN PWM speed default from 4500rpm to 3800rpm
<u>R01-B4</u>	
Reference	Description
1	Update Intel memory ref. 1.2
2	Add "This version is made exclusively for ACER products" string at POST if silent
3	Change ACPI default setting to "S3"
<u>R01-B3</u>	
Reference	Description
1	Change default setting of boot sequence to FDD, HDD, CD-ROM
<u>R01-B2</u>	
Reference	Description
1	Update Intel memory ref. 1.10
<u>R01-B1</u>	
Reference	Description
1	Change SSID/SVID of VGA controller/USB controller to 000Eh/1025h
2	Add show 'A' for Northwood 1.6A/1.8A/2.0A in Setup
3	Remove Diagnostic LED code for speed-up POST
4	Support Celeron CPU
<u>R01-B0DDRT3</u>	
Reference	Description
1	For Media Review with Northwood 2.2GHz CPU
<u>R01-B0</u>	
Reference	Description
1	Change VGA BIOS to 2603
2	Update workaround of Intel I845G/ICH4 BIOS Spec. 1.1

R01-A6

Reference	Description
1	Change VGA BIOS to 2592
2	Update Intel memory ref. 1.0
3	Remove Desktop manager function
4	Add P4 Celeron microcode(E0)

R01-A5

Reference	Description
1	Implement "Desktop manager function
2	Fixed 'BIOS boot seq. function fail for BIOSBSU.exe

R01-A4

Reference	Description
1	Change VGA BIOS to 2589
2	Change FAN speed setting in ACPI table for AVLIC FAN

R01-A3

Reference	Description
1	Change VGA BIOS to 2565
2	Modify BIOS Setup for Acer request
3	Implement H/W monitor CPU warning/System shutdown/System warning
4	Enable interrupt bit of SMBUS
5	Change Enter Setup Hotkey to Del key

R01-A1

Reference	Description
1	Add Intel 82562ET LAN BIOS support
2	Change VGA BIOS to 2559
3	Modify BIOS Setup for Acer request
4	Implement Winflash support

R01-A0

Reference	Description
1	Implement PS/2 KB as S3 wakeup event
2	Implement Debug LED function
3	Change default setting of boot sequence as boot sequence

Issue Resolved**R02-B2**

Reference	Description
1	Fixed PWRON after power-fail function fail issue
2	BIOS will load default value to solve 0.1% motherboards can't enter WinXP in Factory which is caused by the century value is invalid.

R02-B1

Reference	Description
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1	Fixed BIOS do not set number of stop grant clock for Intel HTT self test utility v3.6
2	Set Bit 5 of Serial port 2 to 0

R01-B4S4

Reference	Description
1	Fixed HCT 11.0 ACPI Verifier Test Fail
2	Removed dummy date string of DMI table
3	Added clear RI bit during BIOS POST

R01-B4S3

Reference	Description
1	NA

R01-B4S2

Reference	Description
1	Solved user can press F12 to change boot option without password issue

R01-B4S1

Reference	Description
1	NA

R01-B4

Reference	Description
1	Fixed password function fail issue
2	Fixed PWM function fail after standby function
3	Fixed WinME suspender will hang up issue
4	fine tune PWM function for system can't shutdown when Brunin test is running and

R01-B3

Reference	Description
1	Fixed 'system can't resume from S3 first time with RCD
2	Remove 'NOT FOR SALE' string for bwz utility

R01-B2

Reference	Description
1	NA

R01-B1

Reference	Description
1	Fixed BIOS will change to DDR200 automatically when we change different CPU

R01-B0DDRT3

Reference	Description
1	NA

R01-B0

Reference	Description
1	Remove Intel Celeron string for conflict Northwood 2.4G

R01-A6

Reference	Description
1	NA

R01-A5

Reference	Description
1	Fixed 'BIOS boot seq. function fail for BIOSBSU.exe
<u>R01-A4</u>	
Reference	Description
1	NA
<u>R01-A3</u>	
Reference	Description
1	Fixed S3 compliance issue of WinXP HCT10.0
<u>R01-A1</u>	
Reference	Description
1	NA
<u>R01-A0</u>	
Reference	Description
1	NA

Software Sightings and/or Known Issues

Reference	Description
1	Do not support DDR333 Memory module
2	Do not support USB devices boot function