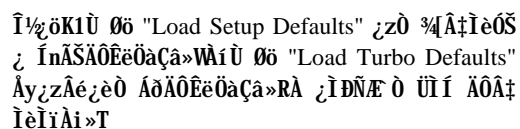


İP³/eÍÓ Award BIOS

¿0Í0Ë_0»Ã ÀfÀ ÍmŠÀ†İēÊē0à»RĒ‘ ¿¿YĀé¿è AOFflash Í, Çí¼ÁýÍ’À»ĀíÁ Ñ†¿U0
Ā`Ā0BIOS»T



ÇĀÇ€: ĀnÆ BIOS codeÑ“ÚYİôĀ†İēİ€İŠB Ā0ĪnÇfÇñĀ
ĀíÁ Đz»RĀì ¿Y¿i ÍwÈāĀ0 BIOS ĀĀ¿0¿zÉúÑ“0a¿0Í0%Đ
İēĀ0%0Èv (ÉdĀ`Æ Chipset SetupÊē0à) ĀÍĀāÈ†İĀ»T



3.2 Standard CMOS Setup

Ù 0ö "Standard CMOS Setup" ÍñŠİvÇË»RçZçYÙ 0öÄİİèÄÖÊ çÖİñŠ»RÀfÙ %4%
 ÎÛ»SËäD»%èÖè0è0 ÄÄÖRÄÖİñŠÇä»TÄèçèÄæçÁbçè% ÄgÛpË_%èçİËèİ0Ä È ÇñÁ ÄÖÙ
 Đİ%4ı»RÀRÄèç [] Äè [] Ä ÛpİñŠÙ ĐİÄÖËèÖäÇä»T



Standard CMOS à Date

ÀfÄXË' ÑbÇèİñŠ% ÎÛ»RçZçYÁbçè% ÄgÛpË_%èçİËèİ0Ä **Date** ÈèÖäÍS»RÀRÄ %f
 [PGUP] Äè [] ÍñŠçöÄvÄÖ% ÎÛ»T% ÎÛÄÖËèÖäÈ Ä»ÆÈ% »S% Ä^ Ä•»T

Standard CMOS à Time

ÀfÄXË' ÑbÇèİñŠËäD»»RçZçYÁbçè% ÄgÛpË_%èçİËèİ0Ä **TIME** ÈèÖäÍS»RÀRÄ %f
 [] Äè [] ÍñŠçöÄvÄÖËäD»»TËäD»ÄÖËèÖäÈ Ä»ÆËä»S%4ÍÄ^Æ »RÆ çY4 %fËä
 % Ä»Ä çö»T%QçÖİñŠÄèËäD»Ä^% ÎÛ»RÄTÄÖÇÄÑ†Đ"0 Ä\%4Ä÷ÄRÇÄÑ†ÍñŠ»T

Standard CMOS à Primary Master à Type
Standard CMOS à Primary Slave à Type
Standard CMOS à Secondary Master à Type
Standard CMOS à Secondary Slave à Type



İ½İö : Ė' ħZ Áb ħè ħU İv ÇĖ ÂÖ "IDE HDD Auto
Detection" Û ĐİÂİ ÂöĖäĖÖİ ÂİÂŠöaÄÖ IDE İŠöēİħ
Ė »T

Mode	Âê¿è Logical Block Address (LBA) ÒiÀ»ÐâÊvÔ Èà¿¾IÄÐh
Auto	Ó] 528MB ÄÖİSÖe»T¿òÀv¿Áİ ¾ÄÄÖDE İSÖe¾ÄyÄyİa LBA
Normal	ÐâÊvÔiÀ»RÄPÜ«ÄÊvÐ„Ä»ÐhÓ] 528MB»TÄfAXÂê¿èÄÖİSÖe¾S
LBA	İbÈ Â¾¾ÄELBA On»Rİ_¾ÄÊv¿LBA Off ÄÖ¾Ä»ÄİÈÈÄ»T
Large	

AWARD BIOS

Standard CMOS à Drive A Standard CMOS à Drive B

Drive A

None
360KB 5.25"
1.2MB 5.25"
720KB 3.5"
1.44MB 3.5"
2.88MB 3.5"

Í, ÇíÙ ÐĬççèÁíÙ ØöÍ€ÔeÄÖÝ ÅÆ»R ×eİØÊä¼ ÀgÛpÀö Drive A
Àe Drive B ÍS»RÄ Åe Ù ØöÖaÍ€À»ÔeØ ÆİBÄÖÊe
ÖaÁj ç»RÄpÍnŠÇaÀfçÄ»T

Standard CMOS à Video

Video

EGA/VGA
CGA40
CGA80
Mono

ÀÖÙ ÐĬççİnÄŠ Äi Äe çèÄÖBý çö çu ÅÆÖR»R Êe Öa ÖŠ ÍnÇa Æ
VGA/EGA»TçèÄ çöÄvÄÖÇi¼YÖ,Ø¼Äæq¼ÄÖÍhÈ ÆVGA»RÄi
çYÍ,ÇíÙ ÐĬİi çXÄdÄÍ¼EÖ çeÍS»T

Standard CMOS à Halt On

Halt On

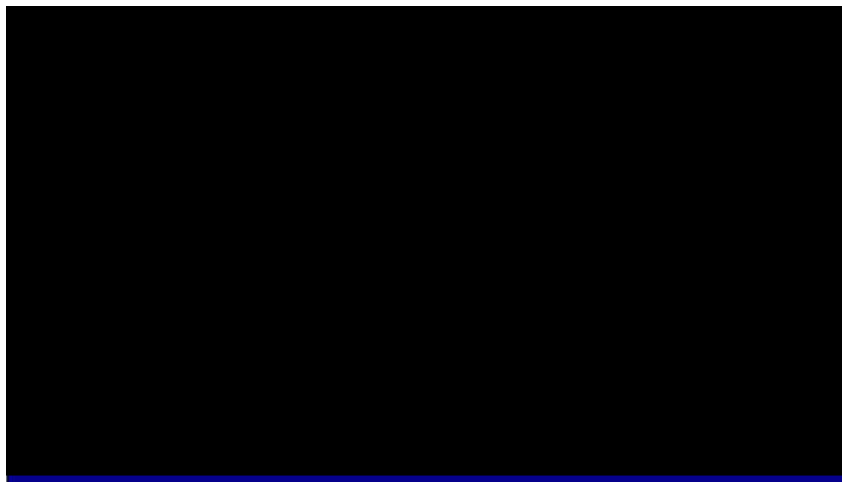
No Errors
All Errors
All, But Keyboard
All, But Diskette
All, But Disk/Key

ÀÖÙ ÐĬççÈÄ ÄİİeÈ À ÄöÄöİ Öi (POST) Èä»R ÀfÊÖİ Ä Ù Ö•
Æ ÄpÇ€ÈÈ¼ ÓSÁQ»TÈeÖaÖŠÍnÇaÄAll Errors»RÄ çöÄİİeçÇ€ÈÖ
İ Ä Ù Ö•ÄÄf»RÄj ÑÈÈ¼ ÓSÁQ»T

AWARD BIOS

3.3 BIOS Features Setup

ÀfÄXÀsçUÙ Í ¼¼ Øö “BIOS Features Setup” ÐĬçð»RÁj Ñ”ÀsÙÝÓ ¼¼BýçöÀf%FĬv ÇĚ»X



BIOS Features à Virus Warning

Virus Warning	ÀÓÙ ÐĬççĬnÁŠÓ„0¼ÉwE.Â0Ä%çĬú»RÁ`BQĬŠ0ēÄ0Ð"Ø ÊéÆ, (Boot Sector) ¼ē¼ĬĬèÄ (Partition Table) ¼¼Ä ÉwE.ÄZÈpTÀfĚ Êē0aĬn
Enabled	Æē»ÇEnable »RÄ çöÓ„0¼ÀsÐ"Ø ÓĬĬ'¼¼»RÄfÄĬ0 ÈaÖx¼ĬŠ0ēÐ"Ø
Disabled	ÊéÆ,»RÄĬèÁj Ñ”ĚĚ¼ ÓSÁQ»RÄÝÑ”ÀsÙÝÓ ¼¼ç Ĭ Ĭ' çY¼f Ä0ÐĬĬÁzÊē
	0Ó»TÄ0Èä»R×êçèĚ×ÆĬ'À»Ápç Ĭ Ê÷ÝUÄĬÀs»T

! WARNING !
Disk Boot Sector is to be modified
Type "Y" to accept write, or "N" to abort write
Award Software, Inc.

AWARD BIOS

BIOS Features à Swap Floppy Drive

Swap Floppy Drive	ÀÓÙ ÆÏ ÇZ Y%ÔÎÄÍ€À»ÔéÔéØ ÄÔÀ Ò~»TÄi Äf»RCj ÄÍÄüç<Í€
Enabled	À»ÔéÔéØ (A»RB) »RE' ÇZ YÄ ÄŠÏP%Qç<ÆÔéÔéØ B»RÏP%X
Disabled	ç<ÆÔéÔéØ A»T

BIOS Features à Boot Up NumLock Status

Boot Up NumLock Status	ÀÓÙ ÆÏ çZÍÄŠÜp×] %ÄÄÖÖaÄ.Üpç<ÄéçèÖi Ä»TË_ËèÖaÇáÍn
On	ÆËOn»RÄ çöçZß ÖaÄ.Üpç<ÍÄ ÖaÄ.Ü %ÄÄÖR»WÄfÄXÍMÆ
Off	Off»R ÄyÄsD"Ø ÄüDÄÉüÄéçèÏyÖèËËÄ çnéü»TËèÖaÓŠÍÇaÆ
	On»T

BIOS Features à Security Option

Security Option	ÀÓÏÏçðçZÍÄŠÄÏÏèË\×i »RÜnÄ\ç] %YçÖÖxËÜß%SÄíØi ÄöÄé
Setup	çèË' ÄÖÖ,,Ö%»T
System	ÄfÄXÍMÆ System»RÄ çöÄTÄÖÇÄNtËi ÄaÄÏÏèËä»RÍ'ÄNÇ€
	ÄÜÜ %ÄË\×i »Tççç»RDz%BIOS Setup Í'Ä»Ëä»R%NÇ€
	ÄÜÜ %ÄË\×i »T
	ÄfÄXÍMÆ Setup»RDÄNÄsDz% BIOS Setup Í'Ä»Ëä»RÇ€ÄÜ
	Ü %ÄË\×i »TÄfÇ€Ä È È\×i çnéü»R×èÜ ØöçUÜ Í ÄÖ
	"Password Setting" ÆÏçð»R%Ç€Ü %ç Ä Ö Èä»RÄ %f
	<Enter> ÜpÄj ç»T

BIOS Features à PCI/VGA Palette Snoop

PCI/VGA Palette Snoop	ÀÓÙ ÆÏçÇ€ÄÜ PCI VGA çuÄÖ×iÄü×] (Palette Snooping) Íb
Enabled	ÄtÄ ÈäÄ`Ä ÄŠÜC»R%ÄoÜÍç Ä ÄYÖÖçYÜnÄ\Äö×P»T ÄfÄXË'Äs
Disabled	PCI Üi çCÖè%ÄÄŠÍ»Äü% ÄaÖa×iÄü×] Ä Ä"ÄÖÜi çCçÄiÄf»X
	MPEG çuÄèÖ%ÖÍÈNÈÖçu)»Rççç_Ü ÆÏÍMÆ Enabled»RÖSÄØÜi
	çççuÄö×P»T

BIOS Features à OS Select for DRAM > 64MB

OS Select for DRAM > 64MB	ÄfÄXË'Äéçè OS/2 ÄQÑ•ÄÏÏè»RÄYçSË`Øèß ÈvD,,Dh Ö]
OS/2	64MB»Rççç_ËèÖaÇáÍMÆ OS/2»RÄpÄy×èÜ Non-OS/2»T
Non-OS/2	

AWARD BIOS

BIOS Features à Show Logo On Screen

Show Logo On Screen

Enabled
Disabled

À ^ ÃŠÆ ÁpÀPOST ÈäBýçö AOpen Ä00ë0<»T

BIOS Features à Video BIOS Shadow

Video BIOS Shadow

Enabled
Disabled

Äi Üñ VGA BIOS Shadow Æ È_BýçöçuÄ0BIOS Ò Èà×à0†
Às DRAM È`0ëB ¼¼»RççlÁðÄ†lèÄ0È À ÈpÌ%»RÀnÆ
DRAM Ä0Ä†Ä Í†Äñ ¼ ROM ÜóÄð »T Èë Öà ÍnÄS Çà Æ
Enabled»T

BIOS Features à C800-CBFF Shadow

BIOS Features à CC00-CFFF Shadow

BIOS Features à D000-D3FF Shadow

BIOS Features à D400-D7FF Shadow

BIOS Features à D800-DBFF Shadow

BIOS Features à DC00-DFFF Shadow

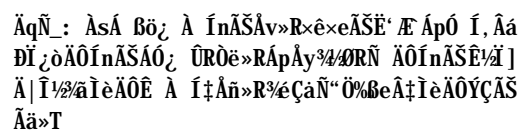
C8000-CBFFF Shadow

Enabled
Disabled

Í, ÄáÀ Á"Æ È`0ëB Ä`ÉuÍ0Üi çççuÄéçèÄ0»TÄfÄXÜ 0ö
Enabled»RÄ†èÑÈ_Üi çççuÄ0 ROM Code ×à0†¼Qç Ä çU
È`0ëB (DRAM) ÈéÈ ¼¼»RÄ0Ä0Í_0óÆ Shadow»RççÓWÄ
Ò ÄðÄ0ÍSI'Í†Äñ»T Çj È'¼Ä ^ Ñ»Üi çççuROM Code Ä0Ä
Á"Ò Èà»RççÈ_Èë0aÍ¼ÄnÆ Enabled»R¼ Ò ÉuÄ`Ýi Ó Æ^ Ä
ÄiÄÍÄ0ROM Code»RÄ È Ð`È`0ëB »T



ÄqÑ_: F000 Ä^ E000 Ä Ä"Æ È^Ä Ä`ÉuÍ0 BIOS
Code Ó Æ¼Äçè»T



AWARD BIOS

Chipset Features à Auto Configuration

Auto Configuration	ÍmŠÀ0Ù Ðİ»RÂİèÑ`Áa06 CPU ÄÔ Type Ä^ Timing Äí
Enabled	ÇÄÑ†×i0ÿ DRAM Ä^ Cache Ä0Ça»TÄfÄXÑbÇ€Äö%ÍmŠ
Disabled	DRAM Timing»R×ê¿ Ä È Ä0ÐİÍmŠ»T

Chipset Features à DRAM Speed Selection

DRAM Speed Selection	Ä0Ù Ðİ¿ÍmŠ DRAM timing ÄÊ 50ns Äè 60ns»T
50 ns	
60 ns	

Chipset Features à MA Wait State

MA Wait State	Ëi¿èÄèÄ È %QÇiMA (DRAM memory address) İ¿Ä÷ÄÊ
Slow	ÔR»TÔŠİmÄÍmŠÆ Slow»RÄfÄXÇ†İ ÄöÇÄ (chip ÔaÐ„Ô
Fast	Äy) Äè DRAM İ†ÄñÔ ÔTÄÔ0ö»R¿ÍmÆ Fast»T

Chipset Features à EDO RAS# to CAS# Delay

EDO RAS# to CAS# Delay	¿èÄíÍmŠ RAS (row address strobe) Ůa CAS (column address strobe) Êe00Ð»Ä0İ¿Ä÷ÄÊÔR»T
2	
3	

Chipset Features à EDO RAS# Precharge Time

EDO RAS# Precharge Time	¿èÄíÍmŠ EDO RAS Êe00ÄÔ Precharge ÊäÐ» (¿Y clock ÇfÜa)»TPrecharge ÄÊ RAS BÄÖxÊäÁQÄvÄÔÑÄÍäÊäÐ»»T
3	
4	

AWARD BIOS

Chipset Features à EDO DRAM Read Burst

EDO DRAM Read Burst	Read Burst ÀÔÑ_ÀpÆ CPU BÄÄ ò ÈaÈa»Rç`Êvçi %QÇí
x333	À Á"Êe00»RÀ DRAM È0060ŠÄŠÄ0À Á"ÄgCPU Êvçi 4
x222	ÇíÍþ ÄÔÊ`0eB ò Èa»T0ŠÍŋçâÆ x222»RÆ Á ÌÐ»SÌþ
	3»R%eÌþ 4 ÇíÊ`0eB ò Èa0÷Èa 2 clock»R0RçèÄ ÍþÄñÆ
	60ns ÄÔ EDO DRAM»T x ÄÔÇâÄ Ä^Ä Ìþ%QÇímemory
	cycle ÄÔÈäÐ»»T

Chipset Features à EDO DRAM Write Burst

EDO DRAM Write Burst	Write Burst ÄÔÑ_ÀpÆ CPU È0060ŠÄŠÄ0À Á"Öxçi 4 Çí
x333	Íþ ÄÔÊ`0eB ò Èa»RÄ ç`Êvçi Ìþ%QÇíÄ Á"ÍÖDRAM»T
x222	ÓŠÍŋçâÆ x222»RÆ Á ÌÐ»SÌÐ»R%eÌþ 4 ÇíÊ`0eB ò Èa
	0÷Èa 2 clock»R0RçèÄ ÍþÄñÆ 60ns ÄÔ EDO DRAM»Tx
	ÄÔÇâÄ Ä^Ä Ìþ%QÇímemory cycle ÄÔÈäÐ»»T

Chipset Features à SDRAM(CAS Lat/RAS-to-CAS)

SDRAM(CAS Lat/RAS-to-CAS)	Ä0Ü ÐĲçĲñŠ SDRAM CAS Latency Ä^RAS Ó CAS
2/2	Ä0ĲçÄ÷ÈäÐ»»TÍ, ÄáÍñŠÇâçz0%Be SDRAM ÄÔÊ Ä ÄÄ
3/3	ÈÐ»R0ŠÍŋçâÆ 2 clocks»RÄfÄXÄŠ0aÄñ»BDRAM ÄÍ¼/Ä6
	ÈvÄÔÊ»Äe»R×eÈ_2/2 Ä ÄÊ 3/3»T

Chipset Features à SDRAM RAS Precharge Time

SDRAM RAS Prechatge Time	çèÄíÍñŠ SDRAM RAS Êe00ÄÔ Precharge ÈäÐ» (çY
2T	clock Çf0à)»TPrecharge ÄÊ RAS BÄÖxÈaÄQÄvÄÔÑÄÍaÈa
3T	Ð»»R0ŠÍŋçâÆ 3 clocks»T

AWARD BIOS

Chipset Features à DRAM ECC Function

DRAM ECC Function	çèÁí Èì çèÀeÀ È DRAM ECC çñú»T
Enabled	
Disabled	

Chipset Features à CPU-to-PCI IDE Posting

CPU-to-PCI IDE Posting	çèÁí Èì çèÒaÀ È CPU À PCI IDE ÄÖ×Š×ÐËé (FIFO buffer)»TCPU ÖxÀö IDE ÄÖÖ ÈàÑç À†ÀsÀÓ FIFO ¼Ä»R ÀRÄæÁaÖx¼ HDD»TÀfÄXË'Í, Ì' ç À ¼ÄÆÈvÄÖÌ' ÐY»Rçz çYÖÜÖiÝ ËÖÄÖçñú»T
Enabled	
Disabled	

Chipset Features à Video BIOS Cacheable

Video BIOS Cacheable	ÀÖÜ ÐÏçB Ö%ÖÍ BIOS Ä×ËÏË,,ÁðÀ È` ØeB Èì Èa»RçlÍ† Ä†ÈÄÖË À Í†Äñ»T
Enabled	
Disabled	

Chipset Features à Video RAM Cacheable

Video RAM Cacheable	Í, ÇíÜ ÐÏççèÁíÁðÀ Video RAM A000 Õa B000»T
Enabled	
Disabled	

Chipset Features à 8 Bit I/O Recovery Time

8 Bit I/O Recovery Time	ÁÍ%QÄað ÜÜÄÖI/O ÎÖ% »RÀsÈ À ÁÓ%QÇil/O Äçç` Äü»RÖ÷ Ç€%QÇíÎpÇ ÈaÐ»»R%•ÉúÀRP•Ð È À ¼f%QÇIO Äçç` »T çèÄ çðÄvÄÖ CPU Ä^ ÎÖ% ÌiÍ'Æ_I/O ÄÖÍSI'Í†ÄñçlÁð»R ÄeÈ, Í, ÄaÜÜÄÄÖ ISA ÍñfäÖ÷ÇççlÁðÎpÇ ÈaÐ»»TÄÖÜ ÐÏ çB È' Ä ÄŠÑ ISA çuÆ 8-bit Èa»R/O Äçç` ÄoÚÍÍÖÄ†È Äi Ö÷Ç€ÄÖÎpÇ ÈaÐ»»TÀfÄXË'Í, Ì' Äi ÀSðaÄÖ 16-bit ISA çuÄÍ¼ÄÆÈvÄÖË»Äe»RçzÖiÎöÄÍÄ I/O ÎpÇ ÈaÐ»»TBIOS ÓŠÍçCaÆ 4 ISA clocks»TÀfÄXË ËeÖaÇaÍñÆENA Èa»RÍÖ ¼ ÌiÑÄoÈaÜ ¼ 3.5 ÄÖÄ†ÈÈÈaÈü»T
1	
2	
3	
4	
5	
6	
7	
8	
NA	

AWARD BIOS

Chipset Features à AGP Aperture Size (MB)

<u>AGP Aperture Size (MB)</u>	Í, ÇíĐĲò¿èÂíÂ^ ĽŠAGP ò ÈàĐaŌŌÊeÊ ÄŌ%¼ƒ»T
4	
8	
16	
32	
64	
128	
256	

Chipset Features à Pentium II Micro Codes

<u>Pentium II Micro Codes</u>	ÀŌ microcode Æ ¿èÂíÇñ¿ŪCPU ÄŌ bug»RĚ{ÉaÀòĐÍÊ'Ū
Enabled	Ōö Enabled»T¼¼Ō] Çj Ě' ÁàĚ ÀÍŌ ÊÄÄŌÍ†Äñ»R¿¿¿YÀì Ū
Disabled	Ū Ōö Disabled»T

Chipset Features à Manufacture Frequency Default

<u>Manufacture Frequency Default</u>	Í, ÇíĐĲò¿èÆ ¿èÂíÊ` Ū CPU ÄŌÊ¿¿ŪŪhİ%ŵTÑ Đ"Ō ÈäÄ
Depends on the CPU type	¼ƒ "Home" Ūp»RĬ_ÑŅaŌIpÂ Â Í, ÇíŪhİ%ŵTŌŠĬŋÇaÆ233
	Mhz»RÇ€Á BŏÍ, ÇíÇa»R¿¿¿YÁé¿è flash.exe Í, Çí¼ÄŷŸİ' À»»T

Chipset Features à Clock Spread Spectrum

<u>Clock Spread Spectrum</u>	Í, ÇíŪ ĐĲÆ EMI İ ŌiÈäÂé¿èÄŌ»RÄòĐÍÊ'¼¼Ç€BŏÁ ÄpŌŠ
On	İŋÇa»T
Off	

AWARD BIOS

Chipset Features à System Frequency

<u>System Frequency</u>	ÀÓĐİçòçèÂíÍñŠ CPU %Ōİ»Úhİ%»RÇj È'ÑbÍñÊÁ`ÄŌ Çâ»RççYÙ "Manual"»Rİ^Äü%ŌÁ`ÍñŠçY%çÄŌCPU Clock Frequency " %è "CPU Clock Ratio "»T
300 MHz	
333 MHz	
366 MHz	
400 MHz	
433 MHz	
466 MHz	
500 MHz	
533 MHz	
Manual	

Chipset Features à CPU Clock Frequency

<u>CPU Clock Frequency</u>	Í, ÇíÙ ĐİçèÂíÍñŠç•Úh (bus clock)»RçòAvçÄÇÈ%h%Š ÄŌ Klamath CPU Í¼E çè 66.8 Mhz»TçYÄüÑíÄŌ CPU ÍñŠ¼Ä Í¼¼ŌäçAa»RÄiçY×èÈèŌñ'ÄŌ CPU Ō» Ä Èè»T
66.8 MHz	
68.5 Mhz	
75.0 Mhz	
83.3 Mhz	

Chipset Features à CPU Clock Ratio

<u>CPU Clock Ratio</u>	Intel Celeron PPGA ÄŌ%Ōİ» (Èð%Ä) Ōaç•Í» (Bus) Úh İ%ÄY¼¼çAa»Rİ, ÇíÙ ĐİççèÂíÄ Š Core/Bus ÄŌ¼ Äi»TŌŠİñÇâE 3.5x»T
1.5	
2.0	
2.5	
3.0	
3.5	
4.0	
4.5	
5.0	
5.5	
6.0	
6.5	
7.0	
7.5	
8.0	

AWARD BIOS

Power Management à PM Controlled by APM

PM Controlled by APM	ÀfÄXÙ Øö "Max Saving"»RÎ_¿z¿YB Äfìè%pÎÄDz¿Ó,,Ñ×
Yes	ÔøÎ' (APM) ¿nÉú»R¿lÈ{ÆóÓ,,ÔøÎ' ¿nÉú»TÄiÀf»XÈÈ¾
No	CPU %ÔÍ»ÈäÉúÓSAQ»T

Power Management à Video Off Method

Video Off Method	¿èÄíÍmŠÖäÏ ØÓÝ ÍÄÖ¾Ä »T
V/H SYNC + Blank	
DPMS	
Blank Screen	

Power Management à Video Off After

Video Off After	ÄÖÙ Đİ¿zÍnŠBý¿öØÖÑAsÀ ÔðÆóÓ,,ÖiÀ»¾FY ÍÄÜÝÓ »T
N/A	
Doze	
Standby	
Suspend	

Power Management à Modem Use IRQ

Modem Use IRQ	¿èÄíÄ ŠÖäØøØ ÄÖIRQ»T
3	
4	
5	
7	
9	
10	
11	
N/A	

<u>Doze Mode</u>	
Disabled	
1 Min	
2 Min	
4 Min	
8 Min	
12 Min	
20 Min	
30 Min	
40 Min	
1 Hour	

Standby Mode	
Disabled	
1 Min	
2 Min	
4 Min	
8 Min	
12 Min	
20 Min	
30 Min	
40 Min	
1 Hour	

Suspend Mode	
Disabled	
1 Min	
2 Min	
4 Min	
8 Min	
12 Min	
20 Min	
30 Min	
40 Min	
1 Hour	

AWARD BIOS

Power Management à HDD Power Down

HDD Power Down	Ń ĀĥĭēĐz%{Ĥó,ĀĤŌRĒā»RÀŌŪ ĐĭzB Ē'Ā ĀŠ IDE ĨŠŌē ĒĒ% ŌSĀQĀŌĒāĐ»»TzŌŪ ĐĭŌ÷ĒĥĀi ĀpĥĀĭzĀ÷ŌiĀ»Ā^ ŌāĒĒ ŌiĀ»ĀŌĭŃŠĈāiĀŠ»T
Disabled	
1 Min	
.....	
15 Min	

Power Management à Suspend Mode Option

Suspend Modem Option	zŌĀĥĭēĭ'Āē%ĤĀT%ŌŌ suspend ŌiĀ»»RĀēĒ'Ē Ā Ĥó,ŌŌ ĭ'zŃŭ»TŃ ĀĥĭēĐz%{ Power On Suspend Ĥó,ŌiĀ» Ēā»RĐāĭēĀŌ Green PC ŃBŌĀĀŌāĒā%{ĤĀ ĀĤŌR»RCPu Ēā ĒūĒĒ% ŌSŪŭ»RĀiĀĭĀŌĭŃā%Ńĭ'Ų ĭĀ»T%ŌŌĭĀĥĭēŃ'Ā Ā ĭ.,Ō.,ĀĤŌR»RzYĀ\ŌāŌŌŌ »SŪp×] »SĀēŃāŌĀĒŌĭ Ā ĤēĒā Ēā»RzZYEĀ%ĥĀ ĭpĀ zŪĒqŌiĀ»%{zTzĥ•»RŌāĭ IRQ ĀŌ ĤēĒā%ŲzYB ĀĥĭēŌāĒĒŌiĀ»Ā ĀŌzŪĒqŌiĀ»»T Suspend to Disk zZYĀsŌāĒāY Ō Āv»RĒ_ĀĥĭēĀĤŌR»RĒ'ŌēB Ā^ŪY Ō ŌŲŌĭĭzŪ<ĀĥĀsĭŠŌē%{RŃ Ō.,Ń×ĈĀŃĥĐ"ĒiĒā»RĀĥĭēĭ_Ń'Ā ĀŌ Ā Ē'Ĉ z %ĤĀQĀŌĀĒŌR %{»TĒ' zĭŌ÷Āē zē ĀŌZVHDD %{zēĭ'Ā»ĀĭĀ ĒūĭŠŌēĀĐĐ»»T
PowerOn Suspend	
Suspend to Disk	

Power Management à 0V Wake On Modem

0V Wake On Modem	ĭ'ŌŌ] AOpen ĀŌĒdĒ ×^Ō ĭŃĈf»Rĭ,Đ zUŌ Ā`zZYĀŌĒāĒŌ ĭ ŌāŌŌŌ ĀŌĒēŌŌ»RĀYzĐx zē ATX Soft Power ĀŌĒāĐ" Ō »Rĭ,ĐĭzŃŭĀŪĒqŌRĀi zēĀiŌiŪŪĐāĒ'Ō ŌāĭĀŪ Ō »T Ōā Đāĭē Green PC suspend mode %{ĀāĀŌĒ »RĀĥĭēzZYE^ zŪY Ō (ĀāŪp% Ā»Ē ŪāĤŭŌ.,Ń×ĀēŪĭŌŌĀŌĈŃĒĒĒĒ ĀpĒĒ% ŌS Ūŭ)»Tzĥ•ĒĭĀ»Āē%ŌĒĭĀ»ŌāŌŌzŭ (AOpen MP56/F56) ĭ½ zZY%pĭĀ Wake On Modem ĀŌzŃŭ»R%ŌŌĭĀŌĈāĀŌpĭĒ' ŌĀzĒŪĒp zē MP56/F56»RĀŃĒ MP56/F56 ĀĭĒdĒ ĀŌŌ., Ō ĭŃĈfzZYŌāzUŌ Ā`ĀŌĒ ĀŌŃŲĒ»RŃ ĀĥĭēY Ō Ēā»R %{Ō÷ĈĒĀ zēYſzĥ•ĀŌŌ.,Ń×»T
Enabled	
Disabled	

Power Management à Wake On LAN

Wake On LAN	ĭ,ĈĭĐĭzŌzēĀĭĭŃŠĒ ĀpĒi zēWake On LAN zŃŭ»T
Enabled	
Disabled	

AWARD BIOS

Power Management à Throttle Duty Cycle

Throttle Duty Cycle

12.5 %
25.0 %
37.5 %
50.0 %
62.5 %
75.0 %
87.5 %

Clock Throttling À Á Ñ CPU Ð²¼ÔeÉ%Àeİ¿Á÷ÄÄÖRÈà»R¿¿YÍñŠ%QÇi ÔaÇà»RÈCPUÈàÈuÓSüúÍhÌ%ÇÉÁT»TÁaÓ¼h»CPU ÈàÈuÁY¼ÄÑÍbÁ Á »RÁi Àf%QÇi 66MHz ÄÖCPU»RÛ Í^ Ð²¼ÔeÉ%Àeİ¿Á÷ÄÄÖR%¼»RÁpÈàÈuÐxÍÛ¼ÄÖÁ Ôa¿ÜÈqÖiÀ» ÁbAaÄÖ 30ns»TÍÖ¼ İiÍ.,ÈqÑÁŠÍÛÌ¼¿ç%QÇi STPCLK (ÈÈ¼ ÈaÐÛ) ÄÖÈeÖÖ»R¿YÄ ¼ CPU ÈIÄ È.,ÇfÈaÖÖÌ¼¿çÄÖÈaÈu»TN ÁİèAs¿ÜÈqÖiÀ»Èà»R CPU ÁTÈ¿ÈIÄ 66M ÄÖÈaÈu»RÀfAXÇÉÁTEàÈuÍhÌ%ÄÖ%»RCPU ÐaÈuÈIÄ ÁT 33M ÄÖÈaÈu»RÍ, ÈaÇi¼ÐaÑÇÉÁT CPU È À Í¿Áñ»R¼ÄÑÍ ¼Ð CPU ÄÖÄeÖ.,»T

Power Management à VGA Active Monitor

VGA Active Monitor

Enabled
Disabled

ÀÖÛ Ðİ¿ÆÖİ VGA Bý¿öÖÖÀsÁöÖ.,ÄÄÖRÈàÄÖÈaÁQ»T

Power Management à Soft-Off by PWR-BTTN

Soft-Off by PWR-BTTN

Delay 4 sec.
Instant-Off

Ñ Û Öö Enabled Èà»RÁv¼ ÇÈÄ`¼hÄÖsoft power switch¿¿Y¿èÁiÈÈÄ ÁİİèÐ"Ø »SÖaÈÈ (Suspend) ÁeÝ Ø »TÀsÐ"Ø ÄÖÄÄÖR¼f»RÇj Á ¼switch»R¿SÈaÐ»¼Ä 4 È »RÁİİèÄ\Ñ"Y ¼ Suspend ÖiÀ»»WÇj Á ¼fÄÖÈaÐ»ÐhÓ¼ È »RÁİİèÄ\Ñ"Y Ø »TÓŠ ÍnÄÖÄÄÖR¼f È Disabled»Rsoft power switch ¿^Èú¿èÁiÐ"Y Ø »RÁdÁÍ Suspend»RÁi¿Y¼ÄdÁÍ 4 È ÞÜÄÖÇÇÄ »T

Power Management à Wake On RTC Timer

Wake On RTC Timer

Enabled
Disabled

¿¿YB È"Á ÁŠ%QÇi ÉdÁŠÄÖ¼ ÎÈaÐ»»RÁİİèÑ"ÁÍ, ÇiÈaÐ»ÄöÈaÐ"Ø »T

AWARD BIOS

Power Management à Date (of Month) Alarm

Date (of Month)	ÊtAi "Wake On RTC Timer" Û ĐİÂéçè»RçèÂíÂ ÂŠÂTÇi
Alarm	%4 %4A0A5 %Q%e»TÂiÀf15 Î_ç_Ä ÂTÇi%4 Ä0A015 00»RÎn
0	ÆÊ 0 Âyç_Ä ÂT%Q%e»T
1	
.....	
31	



×eÄqN̂: Ê_Ä0ĐİçòÍnÆÊ 0»RçzÂéÂtİèÂT%eÀsÀa%Q
ÇiÊäĐ» (çzçè Time Â ÂŠ) ÀðÊäĐ"0 »T

Power Management à Time (hh:mm:ss) Alarm

Time (hh:mm:ss)	ÊtAi "Wake On RTC Timer" Û ĐİÂéçè»RçèÂíÂ ÂŠÄöÊä
Alarm	Đ"0 Ä0ÊäĐ»»T
hh:mm:ss	

Power Management à IRQ 8 Break Suspend

IRQ 8 Break Suspend	À0Û ĐİçzÍnÂŠÂtİèÀsÆ0,,0iÀ»%f »R0äİ IRQ8 (RTC)
Enabled	Ä0Æ»Êä»TOS2 N"0 IRQ8 (RTC)»QÄŠİÛ%4p»RÀfÄXÍn
Disabled	ÄŠIRQ8Ä0çnû»RÀsOS2 ÁQÑ•Âtİè%f »RçZéúÍ]Ä Đz%4%Š
	ÍnÂŠÄeÄ0Æ0,,0iÀ»%4»T

Power Management à IRQ [3-7,9-15],NMI

IRQ [3-7,9-15],NMI	ÂtİèÀsÆ0,,0iÀ»Êä»RçzÜáçèÀ0Û ĐİÊ0Î IRQ Í,,0 Ä^
Enabled	NMI %4pÆ ÄpÄÍç À Æ»Êä»TÊ_À0Û ĐİÍnÆ Enabled»R
Disabled	ÀfÊ,,Í,,0 %4Ê0Î Á ç À Æ»Êä»RÁj N"Í Û Âtİè»RÄÝB Ât
	İèÄ ÄoçÜÊç0iÀ»»T

AWARD BIOS

Power Management à Primary IDE 0
 Power Management à Primary IDE 1
 Power Management à Secondary IDE 0
 Power Management à Secondary IDE 1
 Power Management à Floppy Disk
 Power Management à Serial Port
 Power Management à Parallel Port

Primary IDE 0

Enabled

Disabled

Í, ÂáÛ ÐĬçĬŃŠĂèÂ È ÍŃàÊŌÎ çĭŭ»TN ÂĭĕèAs IDE
 ÍŃà»RÍ€ŌèØ »RÂŸÀTÊ »RÁáÀTÊ ÀsÆóŌ,,ĂÆŌR¾f ÄŌÆ»Êä
 È»Áè»TÀfĂXÍ, ÂáÍŃàÍbÊŌÎ Â ÀÍŢĂŌxĂè I/O ÐaÛ ÄŌÊä
 ÁQ»RĬ_ŃÊ,,ŌaÊÊŌiÀ»Ă ÀoçÛÊqŭiÀ»»T



AWARD BIOS

PNP/PCI Configuration à Resources Controlled By

Resources Controlled by

Auto
Manual

È_ÀÓÙ ÐĬĬnÆ Manual»RçB ÂéçèÄæÆ ISA Å^ PCI Ĭn Ĭà%ŲÁ` Å ÅŠĀi Ō÷ÄŌIRQ Å^ DAM»TÀfĀXĬnÆ Auto»RĬ_ ÑĒi ÊaĀoÊaĬnÅŠçĬŲ»T

PNP/PCI Configuration à Reset Configuration Data

Reset Configuration Data

Enabled
Disabled

È_ÀÓÙ ÐĬĬnÆ Manual»RçB ÂéçèÄæÆ ISA Å^ PCI Ĭn Ĭà%ŲÁ` Å ÅŠĀi Ō÷ÄŌIRQ Å^ DAM»TÀfĀXĬnÆ Auto»RĬ_ ÑĒi ÊaĀoÊaĬnÅŠçĬŲ»T

PNP/PCI Configuration à IRQ3 (COM2)

PNP/PCI Configuration à IRQ4 (COM1)

PNP/PCI Configuration à IRQ5 (Network/Sound or Others)

PNP/PCI Configuration à IRQ7 (Printer or Others)

PNP/PCI Configuration à IRQ9 (Video or Others)

PNP/PCI Configuration à IRQ10 (SCSI or Others)

PNP/PCI Configuration à IRQ11 (SCSI or Others)

PNP/PCI Configuration à IRQ12 (PS/2 Mouse)

PNP/PCI Configuration à IRQ14 (IDE1)

PNP/PCI Configuration à IRQ15 (IDE2)

IRQ3

Legacy ISA
PCI/ISA PnP

ÀfĀXĒ`Āi ÅŠŌaÄŌ ISA çuĀdĀĬ PnP çŲŲ»RĬ_ Ō÷Ç€Ā ÅŠ IRQ Āi %pĬĀçĀÄŌçŲŲ»TĬ,ĀaŲ ÐĬçB È`ĀaĀĀ ÅŠ IRQ ĬŌLegacy ISA çuĀ^ PCI/ISA PnP çuĀéçè»TÑ È`Ā ÅŠç %Q RQ Æ Legacy ISA Èa , ĀĬĒÑĬ,ÄŌ PnP BIOS È_Āi ĬnÄŌ IRQ Ā`ÉuĬŌ%ŠÅŠŌaÄŌISA çuĀéçè»TÈeŌaŌŠĬnÇaÆ PCI/ISA PnP»R×eĀqÑ_ĀĬĀā PCI çu (Ō ŲŲĀÄŌPCIçue½ ç•) ĀŲ%ŲŌ÷Ç€Āéçè IRQ»RĬ_çZĀ`ÉuĬŌISA çuĀéçè»T

AWARD BIOS

PNP/PCI Configuration à DMA 0
 PNP/PCI Configuration à DMA 1
 PNP/PCI Configuration à DMA 3
 PNP/PCI Configuration à DMA 5
 PNP/PCI Configuration à DMA 6
 PNP/PCI Configuration à DMA 7

DMA 0	ÀfAXE'ÀiÀS0aA0ISA çuAdÀÍ PnP çnú»RÎ_çÌDNÀ ÅSDMA Í,, ÓUÁi çpIÄçÄÄ0çnú»TÍ, ÅaÜ ĐİçB È'ÅæÁáÅ ÅS DMA Í,,ÓUİÓ Legacy ISA çuÅ^ PCI/ISA PnP çuÁéçè»TÑ È'Å ÅSç ¼DMA Í,,ÓUÆ Legacy ISA Èã»RÄİèÑÍ,,Å0 PnP BIOS È_ÀÓDMA Í,, ÓUÅ` ÈuİÓÀi ÀS0aA0ISA çuÁéçè»TÈèÖaÓŠ İnÇaÆ PCI/ISA PnP»R×èÄq_ÀÍÁa PCI çuÁY¼Ä÷ÇÈÁéçè DMA Í,,ÓU»RÎ_çZÅ` ÈuİÓ ISA çuÁéçè»T
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PNP/PCI Configuration à PCI IDE IRQ Map To

PCI IDE IRQ Map To	ÄÍ¼QÄa0 ÜÜÄ0PCI IDE Üi ççç¼¼¼pIÄPnP çnú»TÍ, Åa çu0÷ÇÈÄS0aAsÅ ÅSÄ0Üi çc0è¼¼»R¼» ÈúB BIOS ÇÄÑ†Æ 0t PnP 0 N»TA0çnú»0Íñ`Ü 06 PCI İ»0èİ0 PCI IDE Üi çççuÁéçè»TÍnÅAuto N`AoÈaÆ0t¼SÄS0aA0 PCI -IDE İ Üi çççç»T
---------------------------	---

PNP/PCI Configuration à Primary IDE INT#

PNP/PCI Configuration à Secondary IDE INT#

Primary IDE INT#	Í, ÄüÇiÜ ĐİçÌDNÊ† "PCI IDE IRQ Map To" ĐİçòÁéçè»T È' ççYÅ ÅS IDE ¼¼pİÓ PCI IDE Üi çççuÄ0primary Å^ secondary Í,,ÓUÁéçè»TÄT¼QÇPCI İ»0èÍ¼ÄÍçÇi PCI ¼¼pçZbÅ ÅS »TÈ' çÌDNç ÍnÅ "PCI IDE IRQ Map To" Äi ÁéçèÄ0İ»0è»RÄRÄa0Å ÅS PCI¼¼pİÓÄi ÀS0aA0Üi çççç Áéçè»T
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AWARD BIOS

PCI Slot	Location 1 (pin A6)	Location 2 (pin B7)	Location 3 (pin A7)	Location 4 (pin B8)
Slot 1	INTA	INTB	INTC	INTD
Slot 2	INTB	INTC	INTD	INTA
Slot 3	INTC	INTD	INTA	INTB
Slot 4	INTD	INTA	INTB	INTC
Slot 5 (if any)	INTD	INTA	INTB	INTC

PNP/PCI Configuration à Assign IRQ for USB

Assign IRQ for USB
Enabled
Disabled

¿èÁíÀ ÁŠUSB Å0 IRQ»T

PNP/PCI Configuration à Used MEM Base Addr

Used MEM Base Addr
N/A
C800
CC00
D000
D400
D800
DC00

À0Ù ĐĲİĐÑĲİ "Used MEM Length" ĐĲİòÀé¿è»TÀfÅX Ē`ĀiÅŠ0aÅ0ISA ¿uĀdĀĲ PnP ¿ġú»RĲ_¿İĐÑĀ ĀŠĒ`0eß ĒvĐ„Āi%pĲĲ¿ĀĀ0¿ġú»RĲİÀ0Ù ĐĲİy¿zĀ ĀŠĲbĀ`ÉuĀ0Ē`0eß ĀßĐ»Đ"ĲĲĀ Ā"»T

PNP/PCI Configuration à Used MEM Length

Used MEM Length
8K
16K
32K
64K

ÀfÅXĒ`ĀiÅŠ0aÅ0ISA ¿uĀdĀĲ PnP ¿ġú»RĲ_¿İĐÑĀ ĀŠĒ`0eß ĒvĐ„Āi%pĲĲ¿ĀĀ0¿ġú»TÀ0Ù ĐĲİzĲĲĲĲİ0÷ÇĒĒ`0eß ĒvĐ„»RĲĲĲ„Ā0 PnP BIOS Ē_Ē`0eß ĀßĐ»Ā`ÉuĲ0ĲİĀŠ 0aISA ¿uĀé¿è»T

AWARD BIOS

PNP/PCI Configuration à PCI Slot1 IRQ (Right)

PNP/PCI Configuration à PCI Slot2 IRQ

PNP/PCI Configuration à PCI Slot3 IRQ

<u>PCI Slot1 IRQ</u>	Í, ÇíĐĬçòççYB È‘çY%üÊäÄ0% À»ĬnŠÂT%QĐ PCI Ä çl
3	çuÄ0 IRQ Çâ»TÇj Û 0öAuto»RÂĬèĬ_N”ÀöÊä%ÚÆççèÄ0
4	Çâ»T
5	Çj ÂdÄĬÉdÁ` Ä0Ç À»RÂöPĬÊ‘ĬæÆéçè0ŠĬçâAuto»T
7	
9	
10	
11	
12	
14	
15	
Auto	

3.7 Load Setup Defaults

ÀÓÙ ÐĲĲĲ, BIOS ROM %0 %1ÍÀĲ ØRÄÖĲĲŠÇâ»T%QÉ ĀēĲēĀæ×ēĀbĲēÀÓÙ ÐĲØ %1
 ÓŠĲĲâ»RĲ, ĀáÓŠĲĲâĲŲ%BeĀĲĲĲĲ Setup ÐĲĲð»RĲ%WÖēĲĲĲ CMOS ĲĲŠ»TĀfĀX
 Ē'ĀÖĀĲĲēĀŠðāð ĒĀĒvð,,ĀÖĒ` ØēB »RĲĲ ŲĲ ĲcÖē%nl»ð»ŲĲ ĲcĲu»RĲöÇæĀðPĲĲ'ĀēĲēĀÖĲĲ
 ĲĲŠ»T

ÀÓÙ ÐĲĲ%4/Ā%Ē, Ē ĲĲŠĲ ÄÖĀĲĲēĲĲ»RĲĲYÇĲ ĀĲĲĲ, ĲÇ%4YÇĀŠĀÖĀĲf»RĲ'ĲcYĲē
 %iiĒĀĀ0% Ā»Ās "BIOS Features Setup" Ā^ "Chipset Features Setup" Ų ÐĲ%RĲĲ
 ĀŠð ÕTĀ^ð YÇĀŠĀÖĲĲ»T

3.8 Load Turbo Defaults

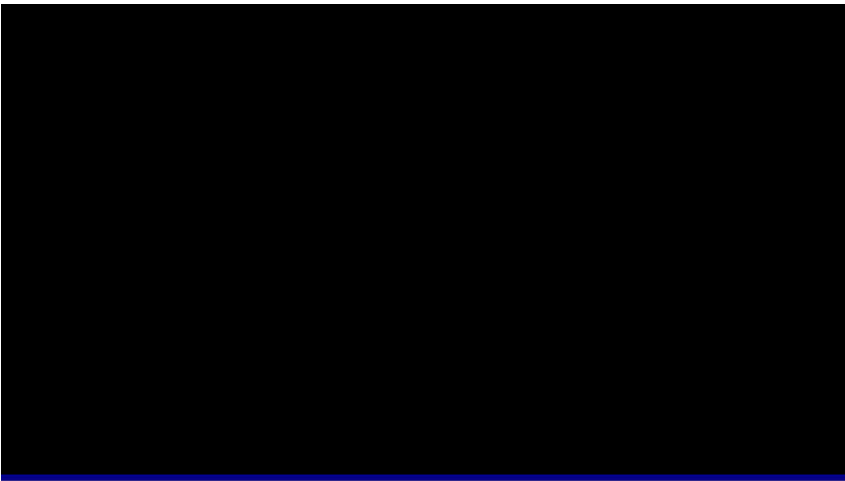
ÀÓÙ ÐĲĲð %1ĀĲ BIOS ROM %0 ĒĀĒPĲ%ÄÖÖŠĲĲâ»TĲ, Āāð %1ÄÖÖŠĲĲâĲŲ%Be
 ĀĲĲĲĲ Setup ÐĲĲð»RĲ%WÖēĲĲĲ CMOS ĲĲŠĲYĲ•»TĒĀĒPĲ%ÄÖĲĲŠÇāð ĀĲĲēĀĲĲ
 ĲĲĲ%4/Ē ĲĲēĀÖĲĲŠÇâ»RĲfĀXĒ'ĀÖĒ` ØēB Ēvð,,%4%4»R%ĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲ
 ĲcYĲĲ Ų'ĀÖĲĲĲĲ»T

Ē' %4YĲYĲē%iiĒĀĀ0% Ā»Ās "BIOS Features Setup" Ā^ "Chipset Features Setup"
 Ų ÐĲ%ĲĲŠĒēÖāÇâ»RB ĀĲĲĲ Ē, Ā ĲĲĲĲ Ā ĒPĲ%T%40ĲĲ'ÇÇĲ ŲRðēĀĲĲĲĲ ÐĲĲm
 Ēú»RĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲĲ ĲĲĲ
 Ĳ%T

AWARD BIOS

3.9 Integrated Peripherals

ÀfÄXÀs¿UÙ Í ¼¼Ù Øö “Integrated Peripherals” ÐĬ¿ò»RÁj Ñ”ÀsÜÝÓ ¼hBý¿öÀf%FĬv ÇĚ»X



Integrated Peripherals à IDE HDD Block Mode

IDE HDD Block Mode	ÀÓÐĬ¿ò¿¿zĬmŠĬŠÔë¿YÀyÔëÊë¼ À»ÐàÊvÔ Èà»RÂÝ¿zÈ Ê½
Enabled	ÂTÇíÔëÔëÄÔ¼¼pĬSĬ‘EäÐ»»T¾Ĭ»¿ ÄÔ IDE ĬŠÔëĬ½¿z¾p
Disabled	ĬÄÄÔÐĬ¿mú»RÊ½¼¼ÄÔ ÄÇËÜ¿i ÄÔĬŠÔë¿zÉúÄdÄĬĬnÇfÄÔÔð ÐàÜ ÔiÀ»»T

Integrated Peripherals à IDE Primary Master PIO
Integrated Peripherals à IDE Primary Slave PIO
Integrated Peripherals à IDE Secondary Master PIO
Integrated Peripherals à IDE Secondary Slave PIO

Auto
Mode 1
Mode 2
Mode 3
Mode 4

A0U BİÇİmİŞAS0aAs IDE İTİEİ00%hA0IDE İŞ0eJYÀ Öo
PIO ÖİA»AiBaÜ Ö Èa»TPIO ÖİA»çA ASİSÖeA00 Èada
Ü İtİl»RÂİAf mode 0 A00 ÈadâÜ İl»Æ 3.3MB/s»R
mode 1 »Æ 5.2MB/s»R mode 2 »Æ 8.3MB/s»Rmode 3
»Æ 11.1MB/s Âimode 4 »Æ 16.6MB/s»TÈeöa0SİÇa»Æ
Auto »RâfAXA0ÎmİŞN»ÆeİŞ0e%4ç»RçYË_DâÜ İğY%i
Èa%A»CÂNîxioy»T



ÄqÑ_: ×ēĒ_Ē' ÄÖĪĪP3Q; < IDE ĨŜÖēĪ†ĒĪĪsPrimary
IDE ÄÖmaster Ī.ŌU34»T

Integrated Peripherals à IDE Primary Master UDMA
Integrated Peripherals à IDE Primary Slave UDMA
Integrated Peripherals à IDE Secondary Master UDMA
Integrated Peripherals à IDE Secondary Slave UDMA

Auto
Disabled

ÄfAXASÖaAs IDE Í†Eİ00¾hÄÖ IDE İŞöeAİ¾pİÄ UDMA
ÖiÄ»»RçZ_EÊöaİnE Auto»RçYÊiÊaUltra DMA/33 ÊÄİ†
ĐáÜ ÖiÄ»»T

Integrated Peripherals à On-Chip Primary PCI IDE
Integrated Peripherals à On-Chip Secondary PCI IDE

Enabled
Disabled

ÀÓÙ ÐĬꞑĬnĀSĀèÂ È Í†ĚĬĀs primary IDE Í†ĚĬ00%hĀÔ
IDE Ínĭà»T



AWARD BIOS



¼³ûK Ç€Âé¿èÛp×]/ÑàÓÁÐ"Ø ÄÔ¿mÉú»RĚ' ¿ÌĐÑ¿ Ě_
JP28 ÍnÆ Enabled»T

¼³ûK ÑàÓÁÐ"Ø ÄÔ¿mÉú¿~ØR¿èÃ PS/2 ÑàÓÁ»T

¼³ûK Çj ÍnÃŠÆ Password Ä Ä, Äë¾Æ\×i»RĚ' Î_¿ÌĐÑĬ^
Ê½CMOS»RÄRÇÄÑ†ÍnÃŠ¾T

¼³ûK Á BøÍ, Çí ÍnÃŠ»R¿ÌĐÑĬ¿POSTÁÓÏÄÄû»RÔxÓ]ÇÄ
Ñ†Đ"Ø ¾Éú¿ÇĚP»T

Integrated Peripherals à Keyboard Power On Password

Keyboard Power On Password

Çj Äs "Power On Function" ¾Ä Øö "Password"»RÎ_¿Ì
ĐÑÄsÄÓÄ ÄŠ¾Qİrİ Ä 5 ÇíÛpÄÔĚ\×i »T

Integrated Peripherals à Hot Key Power On

Hot Key Power On

Ctrl-F1
Ctrl-F2
Ctrl-F3
Ctrl-F4
Ctrl-F5
Ctrl-F6
Ctrl-F7
Ctrl-F8
Ctrl-F9
Ctrl-F10
Ctrl-F11
Ctrl-F12

Çj Äs "Power On Function" ¾Ä Øö "Hot Key"»RÎ_¿Ì
ĐÑÄsÄÓÄ ÄŠ¾QÇíÖ Ûp»T

AWARD BIOS

Power Management à AC PWR Auto Recovery

AC PWR Auto Recovery	%QÉ ÄÖÄÏÈèÀsÈÈÖ,ÀíÄüÖ,¼ Ä ÎpÈä»R¼ÄÑ`Ä À ÀsÝ Ø ÄÖÄÏÖR»RÍ, ÖðÍñÇfÓ Ä À ÄRÖÖÄí Ö»ÄÝ¼ÄÄ ÄöÏ`Ñb»TÍ, ÇíÄíÖ,ÄöÈäÐ"Ø ÄÖ¼ñú»R¼ççYÖÍÄ ÖèÄ^ ÄÖÈ÷ÝU»TÙ Ä On ççYB ÄÏÈèÀsÖ,Ñ×Ä ÎpÈäÄöÈäÐ"Ø »WÜ Ä Off ÄyÆ B ÄÏÈèÀsÖ,Ñ×Ä ÎpÈäÄöÈäÝ Ø »WÄíÜ Øö Former-Sts Ü ÐÍÄÖÖö»RÄÏÈèÑ"ÄoÎpÄ Ç çÖÄÖÄÏÖR»T
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Integrated Peripherals à Onboard FDC Controller

Onboard FDC Controller	ÄÖÜ ÐÍççÍñÄSÍ€À»ÖèÖèØ ÄÖ¼ñú»TÀfÄXÑbÄéçèç•ËÏÄ» ÄÖÈÈÄ çu»R×èÈ_Ü ÐÍÍñÄDisabled»TÈèÜä ÖSÍñÇäÄÄ Enabled»R¼çß ÖèÖèØ çÜÈçQÓSAQ»T
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Integrated Peripherals à Onboard Serial Port 1

Integrated Peripherals à Onboard Serial Port 2

Onboard Serial Port 1	ÄÖÜ ÐÍççÄ ÄSçUØ Ä`¼ÄÄÖÄ ÄTÍ†ËÏÖÖÄ Ä"Ä^¼Äç»TÖS ÍñÇäÄÄ Auto»T
Auto	
3F8/IRQ4	
2F8/IRQ3	
3E8/IRQ4	
2E8/IRQ3	
Disabled	



×èÄqÑ_: ÄfÄXÈ`ÄÍÄéçèÖ Ö çu»R×è×èÄS¼ÄçPÄ
Ä"ÖäÄpçÄÄÖÍñÄÄÄÝ¼ÄÄ×P»T

Integrated Peripherals à UART Mode Select

UART Mode Select	ÄÖÜ ÐÍççYÄ ÄSÄ ÄTÍ†ËÏÈ (serial port2) ÄÖÖiÄ»»T
Standard	
HPSIR	
ASKIR	

- ## Integrated Peripherals à Onboard Parallel Port

ÄqÑ_ : ÄfÄXË' ÄéçèÄÖ I/O çu³nÄ ÄÍ¼QÇíÄÝÄT
 Ê »R×ê×eÄSÄÊçèÄÖÄ Á"Öa IRQ ¾ÄÑ"ÖaØ Ä`¾hÄÖ
 ÄÝÄTÊ Äö×p»T

A0D1 Çò ÇB È Å ÅSÅYATÊ ÇYA Ò000AQÖi Å»Åi DaÜ Ò
 È»TÊ È00S ÎNÇâÆE Normal , %nI_Æ SPP (Stand
 Parallel Port) Öi Å»RÆIBM AT Å^PS/2 ÆÈvÖi Å»RÇZ
 %ÖÎmÅYATÊ Ås Í àg Öi Å»%Ç ÇY ÇÜÈÇI_Ån 00AQ »TEPP
 (Enhanced Parallel Port) Öi Å»R%ÖÎmÅYATÊ Ås
 Ü àg Öi Å»%Ç ÇY Îæ% ÇI_Ån 00AQ »TECP (Extended
 Parallel Port) Öi Å»R% ÎæÈI_Ån ÅdÅÖÜ àgÅYAT
 Ê 00AQ»RÆ ÇYMA Å^RLE (Run Length Encoded) Ü½
 Üj Å^ ÒÈÜjÜj ÅÖ% Å»Åi DaÜ Ò È»T

ÀÒÙ ÐĬꞑ Ë'À ĄŠ ECP ōiÀ»ÀÔĀYĀTĒ ĀiĀēꞑèĀŌ DMA
Ĭ.,ŌU»TĒēŌaŌŚĬncāĒ3»T

Integrated Peripherals à EPP Mode Select

<u>EPP Mode Select</u> EPP1.7 EPP1.9	çèÂíÛ øö EPP öïÀ»T
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3.10 Password Setting

È\×i ĪĀŠĹıŋĀ\çı] %YçÜ00×EÜB%SAİ0İĀĀĖçēFĀĖÜ,0%TĀfĀXĪĪĀŠĀ€È\×i »RĀĪēēŋĀsĀTĀ0Đ0» ĀēĐç% BIOS%çēİĀ»Ēā»Rçı Ī Ī %QÇıĪĪçıİB00»RÇ€ĀUĒĪ Ü %çıÜ×ēĀ0ĒÈ\×i »T

$$\dot{I}_m \tilde{A} \tilde{S} \tilde{E} \backslash \times i \gg X$$

1. $\text{As}\bar{1}\frac{1}{2}\bar{0}\bar{1}\bar{0}\bar{0}\times\text{R}\bar{U}\bar{p}\% \bar{1}\bar{a}\bar{y} \ 8 \ \bar{c}\bar{1}\bar{A}.\bar{3}\bar{0}\bar{A}\bar{0}\bar{E}\backslash \times i \gg \text{RE}\bar{E}\bar{A}\bar{i} \bar{U}\bar{p}\% \bar{A}\bar{0}\bar{A}.\bar{3}\bar{0}\bar{A}\bar{s}\bar{U}\bar{Y}\bar{0} \ \% \bar{h}\bar{z}\bar{A}\bar{N}\bar{A}\bar{i} \bar{A}\bar{e}\bar{0}\bar{0}\gg \text{T}$
2. $\bar{U}\bar{p}\% \bar{E}\backslash \times i \ \bar{A}\bar{u} \times \bar{e}\bar{A} \ \text{Enter} \ \bar{U}\bar{p}\gg \text{T}$
3. $\bar{E}\bar{i}\bar{Y}\bar{0}\bar{d}\bar{N}\bar{z}\bar{i} \ \bar{i} \ \bar{1}\bar{1}\frac{1}{2}\bar{0}\bar{1}\bar{0}\bar{0}\times \text{R}\times \bar{e}\bar{A}\bar{R}\bar{U}\bar{p}\% \bar{Q}\bar{A}\bar{0}\bar{E}\backslash \times i \gg \text{R}\bar{z}\bar{Y}\times \bar{e}\bar{0}\bar{E}\backslash \times i \ \bar{A}\bar{0}\bar{z}\bar{U}\times \bar{e}\bar{A}\bar{A}\times \text{T}\bar{A}\bar{A}\bar{i} \bar{A}\bar{e}\bar{0}\bar{0}\gg \text{T}$
Enter $\bar{U}\bar{p}\gg \text{RA}\bar{j} \ \bar{N}\bar{A}\times \bar{E}\bar{i}\bar{A}\bar{o}\bar{A} \ \bar{z}\bar{U}\bar{i}\bar{v}\bar{C}\bar{E}\gg \text{T}$

ÀfAXÇÊÀ È ¼InÃŠÀÖË\»R×êÀS¿i Ì'Ù ¼Ë\»ÄÖÎ¼¿öÏBÖÖÄû»RÄ×ËÏÄEnter
Ü»RìVcÊ¾nÎ Ñ¿i Ì'¼QcÍÊêEÄÄ»DUÊ'Ë\»¾ŠÍBÄ È »T

3.11 IDE HDD Auto Detection

A0Znfú¿¿YÀoEäEÖI IDE IŠÖeA0ÄEÖR»RAYE_EÖI Ä A0EëÖaÇaDaA "Standard
 CMOS Setup" AÖ "Hard Disk" Ü Dİ¼¾TAİÄÄ IDE IŠÖe¿¼PİÄYİiAÖEëÖaİŠ»R
 ÄfAXE' AÖIŠÖe¼¼OR¿eİ, ÄaAöEäEÖI Ä AÖEëÖaÇa»RxeÜ N ¾¼ÇEé¿e¿AÇa»RAYD¼¼
 "Standard CMOS Setup" Ü Dİ¼¾Üb¾¼ÜxeAÖEëÖaÇa»T

3.12 Save & Exit Setup

ÀÓÙ ĐĨÑ`ÀsĚ‘Ü Đ” Setup ¾¼;èİ’À»Àv»RÀõÊäÚ<À†ĀìÀĬĂÔ CMOS Çà»T

AWARD BIOS

3.13 Load EEPROM Default

ÈÏW "Load Setup Default" Õa "Load Turbo Default" ÅÇ•»RË' ÅÇYË_Àõ%ÄÖÏn
ÄŠÇÄÄ†% EEPROM ÅÇRÄYÄbÇèÀÖÙ ÆÇÄÑ†Ò ÅÇ»T

3.14 Save EEPROM Default

ÀÖÙ ÆÇZË_È'Àõ%ÄÖÏnÄŠÇÄÄ†% EEPROM ÅÇR% ÅûÇj CMOS Ò ÈaÙ Ç'ÄèÈ'Äè
ËÖÄfÄ Ç Ç ÍmŠÈa»RÇZÄÇè%ÄÇ'ÄÖ "Load EEPROM DEFAULT" ÇÄÑ†Ò ÅÇ»T

3.15 Exit without Saving

Û Ð" Setup ÅÇèÏ'À»»RÄ ÅÇÄÚ<Ä†Ä Á Ó]ÄÖ CMOS Ça»TÄfÄXË'ÇËÜ<Ä†Ñ†ÄÖÏmŠ
Ça»R×è%ÄÇÄèÇèÀÖÙ ÆÇ»T

3.16 NCR SCSI BIOS and Drivers

NCR 53C810 SCSI BIOS ÅÇÖaËq0€ÀsÆbÀaÄÖÄðÈ'È`0èB ÎÖ% ÅÇRÑ ÄÄÄ†Ïè
BIOS ÄèÇè»TÇÄÄèÇèÄ' ÅÇhÄÖNCR BIOS»RË' ÇÏÐÑÇ ÄsÄ†Ïè%ÅÇRÄŠÖa%Q% NCR
53C810 SCSI ÈÈÄ Çu»T

ÄiÄÍÄŠÖaÄ Ä†è%ÄÖ SCSI Íñà»RÍ½Æ Ò÷ÇÉÍ€B Bi ÈäÏ'À»»TNCr SCSI BIOS ÇZ
Ä×ÈÏÄs DOS ÅÇpÎÄ SCSI ÏŠÄ»ÖèÖè0 »RWindows ÅÇ OS/2»TÅÇYÄbÇè NCR
53C810 SCSI ÈÈÄ ÇuÄiÄ ÄÖÍ€Ä»ÖèÖè0 Bi ÈäÏ'À»»RÇYDOS È Ä»%Ç SCO UNIX
È Ä»ÄiÄèÇèÍ€Ä»ÖèÖè0 »TDOS È Ä»ÄÖBi ÈäÏ'À»%ÄÄ SCSI Íñà»RÆ ÇZÇYèÄs
DOS»RWindows NT»RNovell NetWare ÅÇ OS/2»TÄi SCO UNIX È Ä»ÄÖBi ÈäÏ'À»
%ÄÄ SCSI Íñà»RÇZèÄ SCO UNIX»TÍ,ÄaBi ÈäÏ'À»% ÇèÄ×ÈÏ BIOS Äi ÅÇÄÄÖÈP
ÈúÜöÈÄ»T

ÇÄÄèÇèBi ÈäÏ'À»»RË' ÇÏÐÑÈ_Í,ÄaÏ'À»ÄŠÖaÄ Ä†èÏŠÄ»ÖèÖè0 ÅÇRÄYÇSË_ÅÇLÄ È'
ÄÖÄ†èÏmŠÜa%TÄöÄ ÒiÏiÄŠÖa%Ä|»R×èÆÍ,ÄaBi ÈäÏ'À»ÄiÄ ÄÖREADME ÜaÈñ
ÅÇÄÖÖ»Ä »T

AWARD BIOS

3.17 ÀfÀ ³ãÉß BIOS»Y

AOpen Easy Flash ¼ ÐàĭèÄŒ flash ¼ À»ŪĬÄ »RĖ˘ ĸÇĖĖ À ¼QÇİ ĸZĖ À Ūã»RĬ_ĸZ
ĸYÁŒÄÄ flash Ĭ˘ Áã»T

1. Ė,, AOpen Ő ÉŒÄ Ė, BIOS ³ãÉßĬ˘ À»»RĬĬÀfMX3L200.EXE»T
2. ĸĖ A ŐéŒĖ_ĸY DOS Ð˘Œ ¼ Ð˘Œ »RĬY_ĸS×Ė%ßĖ À ĬfŒŒĖ˘ ŐĖß ŐŒĬ˘Ĭ˘ À»(Àf EMM386) ÄĖ
driver»TĬ, Ő=ÇĖ%ÄĖ 520K ÄŒ_ĸZĖĖ˘ ŐĖß ÄßÐ»»T
3. Ė À A:> MX3L200
Äs **FLASH** ÄŒŒĬĬ˘ Ĭ˘ ¼¼¼R×Ė%Œ¼ßY Ő »T
4. ÁŒÄÄŪ_Ū »R×ĖY ĬÄŒ,,Ñ×ÄYÇÄÑ†Ð˘Œ »T
5. Ðz BIOS Setup ÇÄÑ†Ū ÄŠ "BIOS SETUP DEFAULT" Ū ÐĬ˘»RÄR×ĬŒYÄÄÇ ĸ ÄŒ
ĬÄŠÇã»TĬ˘ ^ ÄŪŪ ŐŒ"Save & Exit"»RÄ ÄŒŒ_¼ĸÄÄÄĖĬ˘»Z



×ĖÄqÑ_K ³ãÉßÄ Ñ†ÄŒ BIOS ÄŪ»RÇ ĸ ÄŒ BIOS Ĭn
ÄŠŒa Win95/Win98 PnP Ő ĖĖĖ_Œ=ÇĖÄ Ñ†»RĬĬ_ĸY
Ė˘ ĸZ_ĸYĬİÐÑÇÄÑ†ĬÄŠÄ†ĬĖ»T