

8-8-1-7 System Functional Check (In case of change BEP 1 into BEP2 or BEP3)

Check the system after BEP is assembled on the console.

- 1.) Pull Up Circuit Breaker.
- 2.) Insert the Service Key to Rear Panel USB Port.
- 3.) Power on the system.
- 4.) Check The Logo Image as below. BEP Logo Image Is differ from that of BEP1.



Figure 1-120 Logo Display

- 5.) Press F2 Key
 - 6.) Check the BEP BIOS set-up is same as below. Password is jupiter (lower case)
 - a.) BEP2 BIOS set up condition.
- Main Menu Screen

BIOS Version	RG84510A.86.A.0024.P1
Process Type	Intel ® Pentium ® 4
Process Speed	2Ghz
System Bus Speed	400Mhz
System Memory Speed	266Mhz
Cache RAM	512KB
Total Memory	511MB
Memory Bank 0	512MB (DDR266)
Memory Bank 1	Not Installed
Language	[English]
System time	[04:22:55] -- Current Time Setting
System Data	[The 03/11/2003] -- Current Date Setting

Figure 8-121 Main Menu Screen

Advanced Menu

<u>PCI Configuration</u> PCI Slot 1 IRQ Priority [AUTO] PCI Slot 2 IRQ Priority [AUTO] PCI Slot 3 IRQ Priority [AUTO] PCI Slot 4 IRQ Priority [AUTO] PCI Slot 5 IRQ Priority [AUTO] PCI Slot 6 IRQ Priority [AUTO]	<u>Boot Configuration</u> Plug & Play O/S [YES] Num lock [ON]
<u>Peripheral Configuration</u> Serial Port A [AUTO] Parallel Port [AUTO] Mode [ECP] Audio [Enable] LAN Device [Enable]	<u>IDE Configuration</u> IDE Controller [Both] PCI IDE Bus Master [Enable] Hard Disk Pre-Delay [Disable] Primary IDE Master : [ST 380011A] Primary IDE Slave : [Not Detected] Secondary IDE Master : [PX-W 241] Secondary IDE Slave : [Not Detected]
<u>Diskette Configuration</u> Diskette Controller [Disable]	<u>Event Log Configuration</u> Event Logging [Enable]
<u>Video Configuration</u> AGP Aperture Size [64 MB] Primary Video adapter [AGP] Frame Buffer Size [1 MB]	<u>USB Configuration</u> High - Speed USB [Disable] Legacy USB Support [Enable]
<u>Chipset Configuration</u> ISA Enable Bit [Enable] PCI Latency Time [32] Extended Configuration [Default]	<u>Fan Control Configuration</u> Fan Control [Enable] Lowest Fan Speed [Slow]

Figure 8-122 Advanced Menu

Security Menu

<u>Security</u>	
Supervisor password	: Installed Lowest Fan
User password	: Not Installed
Set Supervisor password	
User Access Level	[No Access]
Set User password	
Chassis Intrusion	[Disable]

Figure 8-123 Security Menu

Power Menu

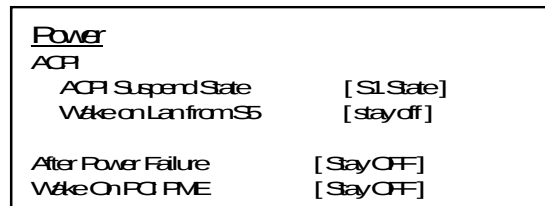


Figure 8-124 Power Menu

Boot Menu

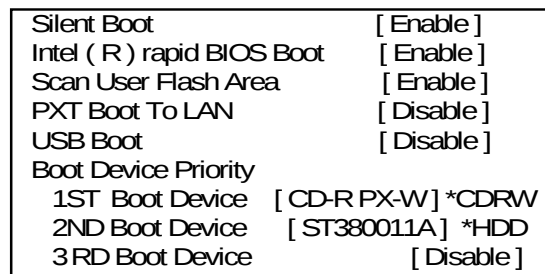


Figure 8-125 Boot Menu

a.) BEP3 BIOS set up condition

Main menu screen

BIOS Version	BF86510A.86.A.0069.P21	
Process Type	Intel Pentium 4	-- Not editable
Process Speed	2.4Ghz	-- Not editable
System Bus Speed	533Mhz	-- Not editable
System Memory Speed	333Mhz	-- Not editable
Cache RAM	512KB	-- Not editable
Total Memory	512MB	-- Not editable
Memory Mode	Single channel	-- Not editable
Memory Channel A Slot 0	512MB (DDR333)	
Memory Channel A Slot 1		-- Not editable
Memory Channel B Slot 0		-- Not editable
Memory Channel B Slot 1		-- Not editable
Language	[English]	
System time	[04:22:55]	-- Current Time Setting
System Date	[The 01 / 3 /2005]	-- Current Date Setting

Advanced menu screen

PCI Configuration

PCI Slot 1 IRQ Priority	[AUTO]
PCI Slot 2 IRQ Priority	[AUTO]
PCI Slot 3 IRQ Priority	[AUTO]
PCI Slot 4 IRQ Priority	[AUTO]
PCI Slot 5 IRQ Priority	[AUTO]
PCI Slot 6 IRQ Priority	[AUTO]

Boot Configuration

Plug & Play O/S	[NO]
Num lock	[ON]

Peripheral Configuration

Serial Port A	[AUTO]
Parallel Port	[AUTO]
Mode	[ECP]
Audio	[Enable]
LAN Device	[Enable]
ASF Support	[Disabled]

Device Configuration

ATA/IDE Configuration	[Enhanced]
PCI IDE Bus Master	[Enhanced]
Hard Disk Pre-Delay	[Disabled]
SATA Port-0	[Not detected]
SATA Port-1	[Not detected]
PATA Primary Master	[HDS728080PLAT20] -- Current HDD
PATA Primary Slave	[Not detected]
PATA Secondary Master	[GCE-8526B] -- Current CDRW
PATA Secondary Slave	[Optional] -- Optional MOD

Floppy Configuration

Diskette Controller	[Disabled]
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Event Log Configuration

Event Log	[Space available]	-- Not editable
View Event Log		-- [Enter] Displays the event log
Event Logging	[Enable]	

Video Configuration

AGP Aperture Size	[128 MB]
Primary Video adapter	[AGP]
Frame Buffer Size	[16 MB]

USB Configuration

USB Function	[Enable]
High - Speed USB	[Enable]
Legacy USB Support	[Enable]
USB 2.0 Legacy Support	[HI - Speed]

Chipset Configuration

ISA Enable Bit	[Disable]	
PCI Latency Time	[32]	
Extended Configuration	[Default]	
Chipset Memory Timing Control		
SDRAM Frequency	[AUTO]	-- Not applicable
CPU override	[AUTO]	-- Not applicable
SDRAM Timing Control	[AUTO]	-- Not applicable
SDRAM RAS ACT. To Pre	[7]	-- Not applicable
SDRAM CAS Latency	[2.5]	-- Not applicable
SDRAM RAS# to CAS# Delay	[3]	-- Not applicable
SDRAM RAS# Precharge	[3]	-- Not applicable

Fan Control Configuration

Fan Control	[Enable]
Lowest Fan Speed	[Slow]

Security menu screen

Supervisor password	:	Installed
User password	:	Not Installed
Set Supervisor password		
User Access Level		[No Access]
Set User password		
Chassis Intrusion		[Disable]

Power

ACPI

ACPI Suspend State		[S1 State]
Wake on Lan from S5		[stay off]
After Power Failure		[Stay OFF]
Wake On PCI PME		[Stay OFF]

Boot

Silent Boot		[Enable]
Intel (R) rapid BIOS Boot		[Enable]
Scan User Flash Area		[Enable]
PXT Boot To LAN		[Disable]
USB Boot		[Disable]

Boot Device Priority

1ST Boot Device	[GCE-8526B]	-- Current CDRW
2ND Boot Device	[HDS728080PLAT20]	-- Current HDD
3 RD Boot Device	[Disable]	

b.) BTO5 BEP3 BIOS set up condition

Main menu screen

BIOS Version	BF86510A.86.A.0069.P21	
Process Type	Intel Pentium 4	-- Not editable
Process Speed	2.8Ghz	-- Not editable
System Bus Speed	533Mhz	-- Not editable
System Memory Speed	333Mhz	-- Not editable
Cache RAM	512KB	-- Not editable
Total Memory	512MB	-- Not editable
Memory Mode	Single channel	-- Not editable
Memory Channel A Slot 0	512MB (DDR333)	
Memory Channel A Slot 1		-- Not editable
Memory Channel B Slot 0		-- Not editable
Memory Channel B Slot 1		-- Not editable
Language	[English]	
System time	[04:22:55]	-- Current Time Setting
System Data	[The 01 / 3 /2005]	-- Current Date Setting

Advanced menu screen

PCI Configuration

PCI Slot 1 IRQ Priority	[AUTO]
PCI Slot 2 IRQ Priority	[AUTO]
PCI Slot 3 IRQ Priority	[AUTO]
PCI Slot 4 IRQ Priority	[AUTO]
PCI Slot 5 IRQ Priority	[AUTO]
PCI Slot 6 IRQ Priority	[AUTO]

Boot Configuration

Plug & Play O/S	[NO]
Num lock	[ON]

Peripheral Configuration

Serial Port A	[AUTO]
Parallel Port	[AUTO]
Mode	[ECP]
Audio	[Enable]
LAN Device	[Enable]
ASF Support	[Disabled]

Device Configuration

ATA/IDE Configuration	[Enhanced]	
PCI IDE Bus Master	[Enhanced]	
Hard Disk Pre-Delay	[Disabled]	
SATA Port-0	[Not detected]	
SATA Port-1	[Not detected]	
PATA Primary Master	[HDS728080PLAT20]	-- Current HDD
PATA Primary Slave	[Not detected]	
PATA Secondary Master	[GCE-8526B]	-- Current CDRW
PATA Secondary Slave	[Optional]	-- Optional MOD

Floppy Configuration

Diskette Controller	[Disabled]
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Event Log Configuration

Event Log	[Space available]	-- Not editable
View Event Log		-- [Enter] Displays the event log
Event Logging	[Enable]	

Video Configuration

AGP Aperture Size	[128 MB]
Primary Video adapter	[AGP]
Frame Buffer Size	[16 MB]

USB Configuration

USB Function	[Enable]
High - Speed USB	[Enable]
Legacy USB Support	[Enable]
USB 2.0 Legacy Support	[HI - Speed]

Chipset Configuration

ISA Enable Bit	[Disable]	
PCI Latency Time	[32]	
Extended Configuration	[Default]	
Chipset Memory Timing Control		
SDRAM Frequency	[AUTO]	-- Not applicable
CPU override	[AUTO]	-- Not applicable
SDRAM Timing Control	[AUTO]	-- Not applicable
SDRAM RAS ACT. To Pre	[7]	-- Not applicable
SDRAM CAS Latency	[2.5]	-- Not applicable
SDRAM RAS# to CAS# Delay	[3]	-- Not applicable
SDRAM RAS# Precharge	[3]	-- Not applicable

Fan Control Configuration

Fan Control	[Enable]
Lowest Fan Speed	[Slow]

Security menu screen

Supervisor password	: Installed
User password	: Not Installed
Set Supervisor password	
User Access Level	[No Access]
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Power

ACPI

ACPI Suspend State	[S1 State]
Wake on Lan from S5	[stay off]
After Power Failure	[Stay OFF]
Wake On PCI PME	[Stay OFF]

Boot

Silent Boot	[Enable]
Intel (R) rapid BIOS Boot	[Enable]
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Boot Device Priority

1ST Boot Device	[GCE-8526B]	-- Current CDRW
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