

Bios Settings

FAQ No.0004

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District Court Lemgo HRA 5649 DUNS-No. 314108728 VAT-No. DE309087075 Bank Details: Sparkasse Paderborn-Detmold IBAN DE 19 4765 0130 0000 0060 07 BIC WELADE3L



Introduction

As it is possible, that an IPC's BIOS settings get relocated this guide is meant to provide a guideline, which settings are to be made in order to have the IPC set up as desired.

Access the BIOS

On all IPC systems, the BIOS can be accessed by pressing F2 during the Power-On-Self-Test on a connected keyboard.



BIOS Settings for IPC C6 Perform Note: The settings were recorded from a Core2Duo system, XX.C6-A?1-D???, for systems based on a Celeron CPU (XX.C6.A?1-C???) the settings will slightly differ!

Area 'Main'

| Ph Main Advanced | oenix TrustedCore(tm) Setup Ut, Security Power Boot | |
|--------------------------|--|--|
| proo llansian | 89219876.06 | Item Specific Help |
| BIOS Version CPU Type | Intel(R) Core(TM)2 Duo CPU | |
| CPU Speed | 2000 MHz | <tab>, <shift-tab>, or</shift-tab></tab> |
| MicroCode Patch ID: | 00000A07 | <enter> selects field.</enter> |
| System Memory: | 640 KB | |
| Extended Memory: | 2086912 KB | |
| Sustem Time: | [11:54:36] | |
| System Date: | [07/25/2011] | |
| Legacy Diskette A: | [Disabled] | |
| ▶ IDE Primary/Master | [SFCF2048H3BK2SA-C-D0-513] | |
| ▶ IDE Primary/Slave | [None] | |
| ▶ SATA Port 1 | [None] | |
| ► SATA Port 2 | [None] | |
| ► SATA Port 3 | [None] | |
| | | F9 Setup Defaults |
| F1 Help 14 Sele | ct Item -/+ Change Values | F9 Setup Defaults |

| IDE Primary/Master [SF | CF2048H3BK2SA-C-D0-513-S1 | Item Specific Help |
|--|---|--|
| Cylinders: Heads: Sectors: Maximum Capacity: LBA F Total Sectors: | [Auto] ² ormat [3970] [16] [63] 2049MB ² ormat 4001760 2049MB | User = you enter parameters of hard-dish drive installed at this connection. Auto = autotypes hard-disk drive installed here. CD-ROM = a CD-ROM drive is installed here. |
| 33 B.H. T.ID | [2 Sectors] [Enabled] [Disabled] [FPIO 4 / DMA 2] [Mode 4] | ATAPI Removable = removable disk drive is installed here. |



Area 'Advanced'

| Installed O/S: | (UinXP) | Item Specific Help |
|---|---------------------------------|---|
| Reset Configuration Data: Large Disk Access Mode: Small LBA-Disk CHS Translation: Local Bus IDE adapter: | [No] [DOS] [No] [Both] | Select the operating system installed on your system which you will use most |
| ▶ Cache Memory ▶ Penrun CPU Control Sub-Menu | | commonly. |
| ▶ MCH Control Sub-Menu ▶ Video (Intel IGD) Control Sub-Menu ▶ ICH Control Sub-Menu | | Note: An incorrect setting can cause some operating |
| ACPI Control Sub-Menu Clock Control Sub-Menu National 311x SIO Control Sub-Menu | | systems to display unexpected behavior. |
| Hardware Monitor | A. S. Star | |
| Onboard LAN1 (82551): | [Enabled] | |

| Main | Advanced | Security | Core(tm) Setu Power | Boot Exit |
|--|---|------------------------------|--|--|
| Local E | lus IDE adapto | er: | [Both] | Item Specific Help |
| MCH Con Video (ICH Con ACPI Co Clock Co | CPU Control S trol Sub-Menu Intel IGD) Co trol Sub-Menu ntrol Sub-Mer ontrol Sub-Me 1 311x SIO Co | u mtrol Sub-Me u nu | | If enabled, turn system RAM off to free address space for use with an option card. Either a 128KB conventional memory gap, starting at 512KB, or a 1MB extended memory gap, starting at 15MB, will be created in system |
| Boot Port 80 Video R | LAN1 (82551) from LAN1: h Cycles: epost: memory gap: | : | (Enabled) (Disabled) (LPC Bus) (Linux) (<mark>Disabled</mark>) | RAM. |
| F1 Hel Esc Exi | | Item -/+ Menu Enter | | es F9 Setup Defaults b-Menu F10 Save and Exit |



| Cache Memory | | Item Specific Help |
|---|--|-------------------------------------|
| Memory Cache: Cache System BIOS area: Cache Uideo BIOS area Cache Base 0-512k: Cache Base 512k-640k: Cache Extended Memory Area: Cache A000 - AFFF: Cache B000 - BFFF: Cache B000 - DFFF: Cache CC00 - CFFF: Cache D000 - D3FF: Cache D000 - D3FF: Cache D000 - DFFF: Cache E000 - E3FF: | [Write Back] [Write Back] [Disabled] [Write Protect] [Write Protect] [Write Protect] [Write Protect] | Sets the state of the memory cache. |

CPU Control



It is essential, that the CPU's power management remains disabled. The second CPU core may remain enabled, however.



| Phoenix Tru | stedCore(tm) Setup U | tility |
|---|---|---|
| CPU Thermal Control Sub-Menu | | Item Specific Help |
| Thermal Control Circuit: PROCHOT# Enable: DTS Enable: DTS Calibration: | [<mark>[H1 and TH2</mark>] [Enabled] [Enabled] [Enabled] | Setting this bit enables the thermal control circuit (TCC) portion of the Thermal Monitor feature of the CPU. |
| Passive Cooling Trip Point: Passive TC1 Value: Passive TC2 Value: Passive TSP Value: Critical Trip Point: | (79 C) (0) (10) (2) (127 C) | Intel(r) Thermal Monito TM1 = 50% duty cycle TM2 = Geyserville III |
| F1 Helm 14 Select Item | Change Ualues | F9 Setup Defaults |

| MCH Control Sub | MCH Control Sub-Menu | |
|--|---|---|
| PCI Express Size: PCI Express Graphics Port: Port ASPM Support: MDA Support: Lane Width Support: | [<mark>256 MB</mark>] [Auto] [Auto] [Disabled] [Auto] | Select variable siz PCI-Express config space. |
| | | |



Video settings



For the use of the three different display types, choose the correct combination here. The VGA output is referred to as 'CRT', the DVI output is referred to as 'EFP' and the optional, build-in touchpanel is referred to as 'LFP'. Choose a combination of up to two active hardware outputs.

| IGD - LCD Co | mtrol Sub-Menu | Item Specific Help |
|---|--|--|
| 16D - Panel Scaling: GNCH BLC Control: BIA Control: | (<mark>futo</mark>) IGMBus] (Disabled] | Select the LCD panel scaling option used by the Internal Graphics Device |
| LCD Brightness: | [80] | 1. Auto 2. Force Scaling 3. Off 4. Maintain Aspect Ratio |
| | | |



| ICH Control Sub-Menu | | Item Specific Help | |
|--|-------------------------------|---|--|
| ▶ Integrated Device Control Sub-Menu Pop Up Mode Enable: Pop Down Mode Enable: | (Enabled) (Enabled) | These items determine whether the integrated PCI Devices will be Enabled in PCI Config Space. | |
| F1 Help †4 Select Item -/+ C Esc Exit ↔ Select Menu Enter S | hange Values elect ► Sub-M | F9 Setup Defaults enu F10 Save and Exit | |

Integrated devices



Here, all additional devices are configured. LAN 2, which is the default Ethernet port of the system, is activated here.



| PCI Express Control Sub-Menu | | Item Specific Help |
|------------------------------|------------|------------------------------------|
| PCI Express - Root Port 1: | [Auto] | Control the PCI Expre |
| PCI Express - Root Port 2: | [Auto] | Port via this setup |
| PCI Express - Root Port 3: | [Auto] | option. |
| PCI Express - Root Port 4: | [Auto] | |
| PCI Express - Root Port 5: | [Auto] | Disabled - Port alway disabled. |
| PCI Hot-Plug Resources: | [Disabled] | Auto - Only enab if card |
| Root Port ASPM Support: | [Auto] | found. |
| ASPM Latency Checking: | [Enabled] | |
| Clock Power Management: | [Enabled] | Note that if Root |
| Force WX Detection: | [Enabled] | Port 1 is disabled, |
| | | Root Ports 2-4 will |
| | | disabled as well. |
| | | |
| | | |

| PCI devices can use hardware interrupts called IRQs. A PCI |
|---|
| device cannot use IRQs already in use by ISA or EISA devices. Use 'Auto' only if no ISA or Eisa legacy cards are installed. |
| |



USB support



The internal USB root hub is configured here. Legacy USB support is recommended to remain disabled, but the feature has to be enabled whenever the system is supposed to boot from a USB key.

| ICH Sata Pata Control S | ub-Menu | Item Specific Help |
|---|--|---|
| SATA - Device 31. Function 2: AHCI Configuration: Native Mode Operation: Disable Vacant Ports: | [<mark>Enhanced</mark>] [Disabled] [Auto] [Enabled] | Compatible: SATA Drive = Primary on SATA Controller, in Legacy Mode. PATA Drive = Secondary on SATA Controller, in Legacy Mode. |
| | | Enhanced: SATA Drive = Primary on SATA Controller, in Native Mode. PATA Drive = Primary on PAT Controller, in Legacy Mode. |











| Seri | al Ports | Item Specific Help |
|---|--|---|
| Serial port A: Base I/O address: Interrupt: | (<mark>Enabled</mark>) (3F8) [IRQ 4] | Configure serial port f using options: |
| Serial port B: Base I/O address: | [Enabled] [2F8] | [Disabled] No configuration |
| Interrupt: Mode: | [IRQ 3] [Normal] | [Enabled] User configuration |
| Serial port C: | [Disabled] | [Auto] BIOS or OS chooses |
| Serial port D: Base I/O address: | [Enabled] [2E8] | configuration |
| Interrupt: | (IRQ 11) | (OS Controlled) Displayed when controlled by OS |



| Hardware Monitor | | Item Specific Help |
|--|--|---|
| U+2.5 = UCCP = U+3.3 = 3UTR = UBAT = CPU Temperature = Internal Chassis Temperature = Motherboard Temperature = Motherboard Temperature = CPU Fan1 Speed = CPU Fan2 Speed = System Fan Speed = CPU Fan Auto-Control: System Fan Auto-Control: | 2.40 U 1.03 U 3.35 U 3.23 U 3.28 U 28 °C/82 °F 24 °C/75 °F 24 °C/75 °F 2917 RPM 0 RPM 3323 RPM (Disabled) (Disabled) | If Enabled, the system fan speed will be automaticaly controlled according to internal chassis temperature. |

The automatic fan regulation may be enabled here. If this is done, the user may configure temperature limits of the regulation, e.g. a limit below which fans operate at 33% of their speeds and a band in which the fan speed linearly increases up to the maximum.

Additional Areas

| Supervisor Password Is: Clear User Password Is: Clear Set Supervisor Password Enter Set User Password Enter Diskette access: [Supervisor] Fixed disk boot sector: Disabledl Uirus check reminder: Disabledl System backup reminder: Disabledl | Supervisor Password Is: Clear User Password Is: Clear Set Supervisor Password Enterl Set User Password Enterl Set User Password Enterl Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Uirus check reminder: [Disabled] System backup reminder: [Disabled] | Supervisor Password Is: Clear User Password Is: Clear Set Supervisor Password Enterl Set User Password Enterl Set User Password Enterl Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Uirus check reminder: [Disabled] System backup reminder: [Disabled] | Main | Advanc | Saltan Call | ecurity | C <mark>ore(tm)</mark> S Power | Boot | | |
|---|---|---|--|---|------------------------------------|-----------------------------------|--|--------------------|--------------|---------------------------------|
| Supervisor Password Is: Clear Set Supervisor Password [Inter] Set User Password [Enter] Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Uirus check reminder: [Disabled] | Supervisor Password Is: Clear Set Supervisor Password [Inter] Set User Password [Enter] Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Uirus check reminder: [Disabled] | Supervisor Password Is: Clear Set Supervisor Password [Inter] Set User Password [Enter] Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Uirus check reminder: [Disabled] | | Deer | und In | Close | | | Item | Specific Help |
| Set Supervisor Password [Enter] controls access to the setup utility. Set User Password [Enter] setup utility. Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Uirus check reminder: [Disabled] System backup reminder: [Disabled] | Set Supervisor Password [Enter] controls access to the setup utility. Set User Password [Enter] setup utility. Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Uirus check reminder: [Disabled] System backup reminder: [Disabled] | Set Supervisor Password [Enter] controls access to the setup utility. Set User Password [Enter] setup utility. Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Uirus check reminder: [Disabled] System backup reminder: [Disabled] | User Pa | sor Pass | s: | | | | Superu | isor Passuord |
| Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Virus check reminder: [Disabled] System backup reminder: [Disabled] | Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Virus check reminder: [Disabled] System backup reminder: [Disabled] | Diskette access: [Supervisor] Fixed disk boot sector: [Normal] Virus check reminder: [Disabled] System backup reminder: [Disabled] | | | | | | | contro | ls access to the |
| rassword on boot: LDISabledJ | | | Diskette Fixed di Virus ch System 1 | e access isk boot heck rem backup re | : sector: inder: eminder: | [Normal] [Disable [Disable] | l ed] ed] | | | |
| | | | Password | l on boo | t: | LDisable | edJ | | | |
| | | | F1 Help Esc Exit | | elect It elect Me | em -/+ nu Enter | and the second | la lues Sub-Mer | F9 II F10 | Setup Defaults Save and Exit |





| Main | Pho Advanced | enix Truste Security | | etup Uti Boot | |
|---------|-----------------|-------------------------|----------|------------------|---|
| | | | | | Item Specific Help |
| Boot p | riority order: | | | | I marked with |
| | USB KEY: | | | 1.00 | |
| | USB HDD: | | | | Keys used to view or |
| 3: 1 | IDE 0: SFCF204 | BH3BK2SA-C- | 00-513-S | | configure devices: |
| 4: | | | | | Up and Down arrows |
| 5: | | | | 1.0 | select a device. |
| 6: | | | | | $\langle + \rangle$ and $\langle - \rangle$ moves |
| 7: | | | | | the device up or down |
| 8: | | | | | <f> and <r> specifies</r></f> |
| Exclude | ed from boot c | order: | | | the device fixed or |
| | IDE 1: | | | | removable. |
| | IDE 2: | | | | <x> exclude or inclu</x> |
| | IDE 3: | | | | the device to boot. |
| | IDE 4: | | | 16.5 | <shift +="" 1=""> enables</shift> |
| | USB FDC: | | | | disables a device. |
| | USB CDROM: | | | | <1 - 4> Loads default |
| | USB ZIP: | | | | boot sequence. |
| | | | | | |
| F1 He | lp 14 Selec | t Item -/+ | Change U | la lues | F9 Setup Defaults |
| | | t Menu Ente | | Sub-Mer | - I F. 14 |



Area 'Exit'



After any changes made in the BIOS, remember to quit the exit dialog using 'Exit saving changes'. In contrast, if you are not sure, what you have changed or what the changes may affect, be sure to select 'Exit discarding changes'!



BIOS settings for IPC C6 Econ

Area 'Main'

| Main Advanced | PhoenixBIOS Intel Sec | Setup Util curity | lity Boot | Exit | |
|--|---|----------------------------|--------------|--------------|---|
| BIOS Version CPU Type CPU Speed System Memory: Extended Memory: | 8921965A.05 Intel(R) Cele 1000 MHz 640 KB 1014 MB | eron (R) M j | proce | <tab>,</tab> | Specific Help <shift-tab>, or selects field.</shift-tab> |
| System Time: System Date: Legacy Diskette A: | [09:41:31] [07/25/2011] [Disabled] | | | | |
| Legacy Diskette B: • IDE Channel 0 Master • IDE Channel 0 Slave • IDE Secondary/Master • IDE Secondary/Slave • Boot Options | ID isabled] [None] [None] [2049MB] [None] | | | | |
| F1 Help 14 Select Esc Exit + Select | | Change Valı Select ► Si | | | Setup Defaults Save and Exit |

| IDE Secondary/Master [2049HB] | | Item Specific Help |
|--|---|---|
| Cylinders: Heads: Sectors: Maximum Capacity: LBA F Total Sectors: Maximum Capacity: Multi-Sector Transfers: | [Auto] format [3970] [16] [63] 2049MB format 4001760 2049MB [2 Sectors] [Enabled] [Disabled] [FPID 4 / DMA 2] [Mode 2] | User = you enter parameters of hard-disk drive installed at this connection. Auto = autotypes hard-disk drive installed here. CD-ROM = a CD-ROM drive is installed here. ATAPI Removable = removable disk drive is installed here. |



| Keyboard Features Summary screen: Disabled] Boot-time Diagnostic Screen: [Enabled] QuickBoot Mode: Enabled] Floppy check: Disabled] Hard Disk Pre-Delay: Disabled] Extended Memory Testing [Just zero it] | Select keyboard options |
|---|-------------------------|
| | |





Area 'Advanced'



Legacy USB support is recommended to remain disabled, but the feature has to be enabled whenever the system is supposed to boot from a USB key.

| I/O Device Com | Item Specific Help | |
|---|--------------------------------------|--|
| | | Teem opecific netp |
| | | Configure serial ports |
| Parallel port: | [Disabled] | |
| Floppy disk controller: PS/2 Mouse | [Disabled] [Auto Detect] | |
| Onboard LAN1: Boot from LAN1: Onboard LAN2: | (Enabled) (Disabled) (Enabled) | |
| | | |
| | | |
| | | |
| F1 Help 14 Select Iter Esc Exit • Select Mem | | F9 Setup Defaults F10 Save and Exit |





| Cache Memory | Item Specific Help | |
|---|--|--|
| Memory Cache: Cache System BIOS area: Cache Video BIOS area Cache Base 0-512k: Cache Base 512k-640k: Cache Extended Memory Area: Cache A000 - AFFF: Cache B000 - BFFF: Cache CB00 - CBFF: Cache CB00 - CBFF: Cache D000 - D3FF: Cache D400 - D7FF: Cache D400 - DFFF: Cache D600 - DFFF: | (Enabled) Write Protect) Write Protect) Write Backl Write Backl Uwite Backl Disabled Disabled Write Protect) Write Protect) Disabled Disabled Disabled Disabled Disabled | Sets the state of the memory cache. |



| PCI/PNP ISA IRQ Resource Exclusion | Item Specific Help |
|---|--|
| IRQ 3: [Available] IRQ 4: [Available] IRQ 5: [Available] IRQ 7: [Available] IRQ 9: [Available] IRQ 10: [Available] IRQ 11: [Available] IRQ 15: [Available] | Reserves the specified IRQ for use by legacy ISA devices |
| F1 Help 14 Select Item -/+ Change Valu Esc Exit + Select Menu Enter Select ► Su | |

| Hardware Monitor | | Item Specific Help |
|--|---|---|
| U+2.5 = UCCP = U+3.3 = 3UTR = UBAT = CPU Temperature = Internal Chassis Temperature = Motherboard Temperature = | 2.43 U 1.01 U 3.21 U 3.26 U 3.30 U 53 °C/127 °F 35 °C/95 °F 45 °C/113 °F | If Enabled, the system fan speed will be automaticaly controlled according to internal chassis temperature. |
| CPU Fan1 Speed = CPU Fan2 Speed = System Fan Speed = CPU Fan Auto-Control: System Fan Auto-Control: | 0 RPM 0 RPM 0 RPM [Disabled] [<mark>Disabled</mark>] | |

As the C6 Econ system is generally fanless, changing these setting will not have any effect at all.



Dothan CPU Control Sub-Menu





Processor Power Management C6 ECON (1Ghz Celeron)

| Dothan CPU Control Sub- | Item Specific Help |
|---|--|
| Processor Power Management: Thermal Control Circuit: Execute-Disable Bit Capability | D Selects the Processor Power Managment desir D Disabled = C states : GU1/GU3 are disabled GU1/GU3 Only = C states are disabled. C States Only = GU1/0 are disabled. Enabled = C States an GU1/GU3 are enabled. |

It is essential, that the CPU's power management remains disabled.

Processor Power Management C6 BM2 (2Ghz Pentium M 760)

| • | Main Advanced | Intel Seco | urity Boc |
|---------------------|---|--|--|
| | BIOS Version CPU Type CPU Speed System Memory: Extended Memory: | 8922010B.01 Intel(R) Pents 2000 MHz 640 KB 2038 MB | ium(R) M proce |
| | Intel | Jecup ourrey | |
| Dotha | an CPU Control Sub-Men | u | Item Specific Help |
| Thermal Cont | rol Circuit: [T ble Bit Capability [E | U1/GU3 On ly M21 nabled] | Selects the Processor Power Managment desired Disabled = C states and GV1/GV3 are disabled. GV1/GV3 Only = C states are disabled. C States Only = GV1/GV3 are disabled. Enabled = C States and GV1/GV3 are enabled. |
| F1 Help Esc Exit | 14 Select Item -/+ • Select Menu Enter | Change Values Select > Sub-Mer | F9 Setup Defaults nu F10 Save and Exit |



It is essential, that the CPU's power management is set to "GV1/GV3 Only" For the device C6 BM2 (2Ghz Pentium M 760).



Video settings



The only valid combination for a C6 ECON is here 'CRT + LFP-SDVO':

The VGA output is referred to as 'CRT', and the optional, build-in touchpanel is referred to as 'LFP'





| ICH Control Sub-Menu | | Item Specific Help |
|---|---|---|
| PCI Clock Run: Port 80h Cycles: | (<mark>Disabled</mark>) [LPC Bus] | IF Enabled, the CLKRUN# logic will stop the PCI Clocks. |
| ▶ PCI Express Control Sub-Menu ▶ ICH USB Control Sub-Menu | | |
| Azalia - Device 27, Function 0: | [Disabled] | |
| AC97A - Device 30, Function 2: AC97M - Device 30, Function 3: | [Disabled] [Disabled] | |
| PATA - Device 31, Function 1: SATA - Device 31, Function 2: Disable Vacant Ports: | [Enabled] [Compatible] [Disabled] | |
| F1 Help 14 Select Item -/* Esc Exit + Select Menu Emter | | F9 Setup Defaults enu F10 Save and Exit |



| PCI Express Control Sub-Menu | | Item Specific Help |
|---|---|--|
| PCI Express - Root Port 1: PCI Express - Root Port 2: PCI Express - Root Port 3: PCI Express - Root Port 4: Root Port ASPM Support: | (Enabled) (Auto) (Disabled) (Disabled) (Disabled) | Control the PCI Express Port via this setup option. Disabled - Port always disabled. Auto - Only enable if card found. Note that if Root Port 1 is disabled, Root Ports 2-4 will be disabled as well. |

| P) | hoenixBIOS Setup Utility | |
|--|--------------------------|---|
| ICH USB Control | l Sub-Menu | Item Specific Help |
| Device 29, Function 0-3: Device 29, Function 1-3: Device 29, Function 2-3: Device 29, Function 3: | [Enabled] | Control the listed USB Functions by setting the item to the desired value. |
| USB 2.0 Support: | (Enabled) | |
| | | |
| | | |
| | | The second second |
| | | and the local sector in the sector of the |



| ACPI Control Sub-Menu | | Item Specific Help |
|---|--|--|
| FACP - RTC S4 Flag Value: FACP - PM Timer Flag Value: APIC - IO APIC Mode: HPET Support: HPET Base Address: | (<mark>Enabled)</mark> (Disabled) (Enabled) (0xFED00000) | Valid only for ACPI. Control the value for the RTC S4 Flag in the FACP Table. |
| 1 Help 14 SelectItem -, sc Exit + SelectMenu E | /∗ Change Value nter Select ► Sub | |

| PhoenixBIOS Setup | Utility |
|---|---|
| APM Control Sub-Menu | Item Specific Help |
| Cx States: [Disabled] Video Repost: [Disabled] | Control the ability to enter into CPU C-States when running an APM OS. |
| | |
| F1 Help 14 Select Item -/+ Change U Esc Exit + Select Menu Enter Select Menu | Jalues F9 Setup Defaults • Sub-Menu F10 Save and Exit |



Additional areas



| | | | | | Item Specific Help |
|-----------------------|---------------|-----------|--------------|-------------|---|
| | iority order: | | | | |
| | | | | 189 - Maria | |
| | SB KEY: | | | | Keys used to view or |
| and the second second | DE 2: SFCF | 2048H3BK2 | SA-C-D0-513- | | configure devices: |
| 4: | | | | | Up and Down arrows |
| 5: | | | | | select a device. |
| 6: | | | | | <+> and <-> moves |
| 7: | | | | | the device up or down. |
| 8: | | | | | $\langle f \rangle$ and $\langle r \rangle$ specifies |
| Exclude | d from boot o | rder: | | 1.10 | the device fixed or |
| : I | DE 0: | | | 1.20 | removable. |
| : I | DE 1: | | | 1 | x> exclude or include |
| | DE 3: | | | | the device to boot. |
| : I | DE 4: | | | | <shift +="" 1=""> enables or</shift> |
| : I | DE 5: | | | | disables a device. |
| : U | SB FDC: | | | | <1 - 4> Loads default |
| : U | SB CDROM: | | | T | boot sequence. |
| | | | | 1.00 | |
| 1 Hel | p 14 Select | | | | |



Area 'Exit'



After any changes made in the BIOS, remember to quit the exit dialog using 'Exit saving changes'. In contrast, if you are not sure, what you have changed or what the changes may affect, be sure to select 'Exit discarding changes'!



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> KEB Automation KG Südstraße 38 • D-32683 Barntrup fon: +49 5263 401-0 • fax: +49 5263 401-116 net: www.keb.de • mail: info@keb.de