

HOT-557 V1.5 Kurzanleitung

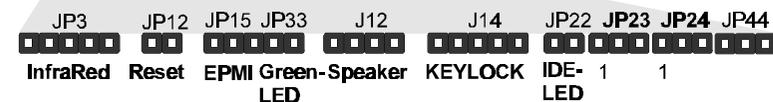
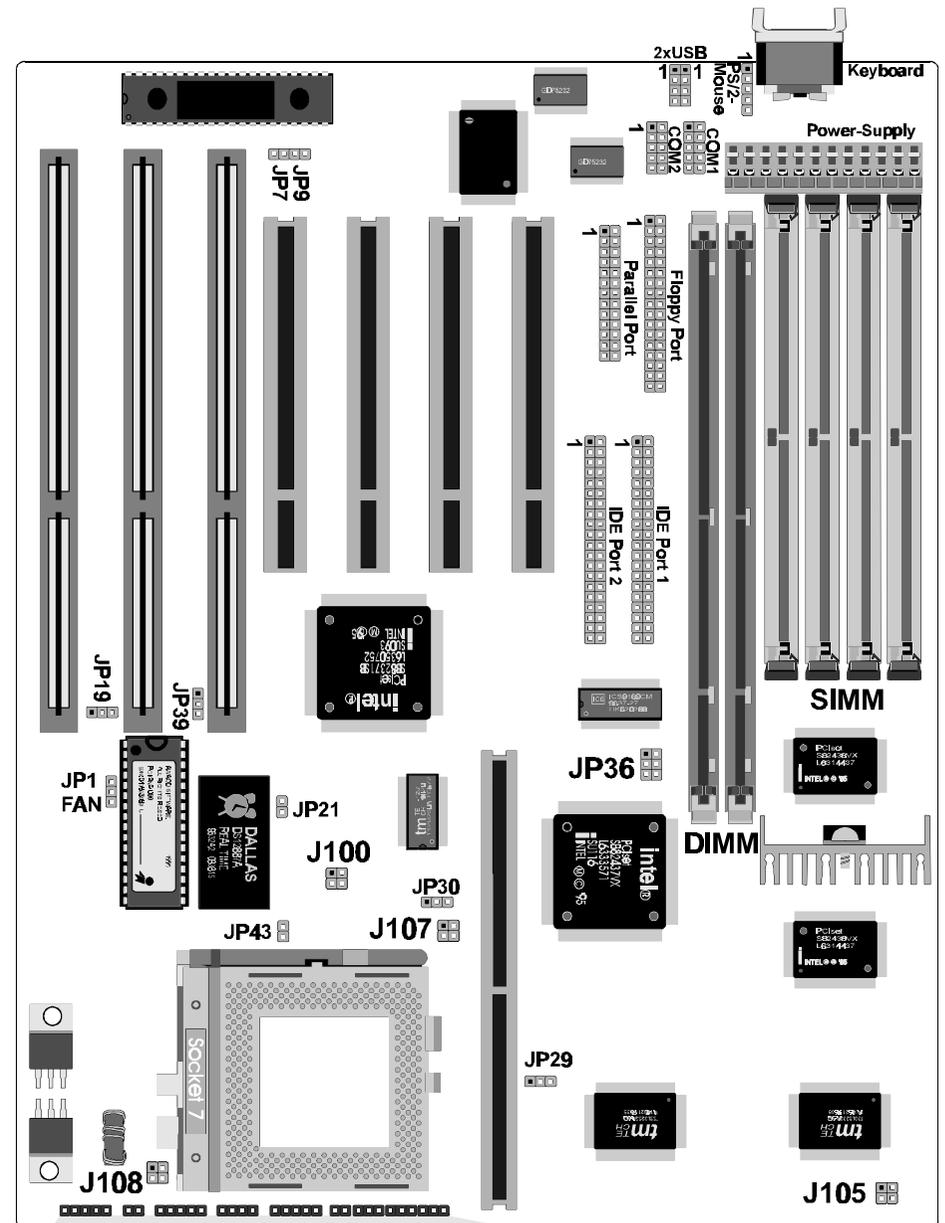
(Ausführliches Handbuch auf der Spacewalker-CDROM)

- 1) CPU-Konfiguration wie in den Tabellen angegeben. Spannungsangaben für die CPUs sind unverbindlich, Änderungen durch die CPU-Hersteller vorbehalten. In allen Zeichnungen ist Pin 1 eines Jumper-Blocks oder I/O-Anschlusses jeweils oben/links zu finden. Beispiel:  4-Pin-Jumper, Pin 3 und 4 geschlossen.
- 2) Speicher-Bestückung: Die 72pin SIMM-Sockel können paarweise mit gleichen Modulen Fast-Page-Mode oder EDO in den Größen 4, 8, 16 und 32 MB (60 oder 70 ns) bestückt werden. Die 168pin DIMM-Sockel können mit DIMM-Modulen der Größe 8, 16 oder 32 MB (FPM, EDO oder SDRAM) auch einzeln bestückt werden. Es sollten nicht gleichzeitig 5V-SIMM-Module und 3V-DIMM-Module bestückt werden!
- 3) Unmittelbar nach dem Einschalten des Rechners drücken Sie die <ENTF> Taste, um das Bios-Setup-Program zu starten.

HOT-557 Version 1.5 Installation guide

(Complete manual on the Spacewalker-CDROM)

- 1) CPU configuration according to the tables. The voltage instructions of the CPUs may be changed at a later date without prior notification by the manufacturer. In all drawings Pin 1 of a jumper or connector is shown on the top/left. Example:  Four-Pin-Jumper, Pin 3 and 4 are closed by jumper cap.
- 2) Memory-Configuration: the 72pin sockets can be filled with pairs of same Fast-Page-Mode- and/or EDO-modules in sizes of 4, 8, 16 and 32 MB (60 or 70 ns). The 168pin sockets can be equipped with one or two DIMM-modules in size of 8, 16 or 32 MB (FPM, EDO or SDRAM). Do not populate both 5V SIMM modules and 3,3V DIMM modules at the same time!
- 3) Power on the computer and press immediately will allow you to enter Bios setup program.



CPU Einstellungen / CPU Configuration

Processors	JP36	System Clock / Multiplier	Frequency Multiplier JP23, JP24, JP44
Pentium/MMX 233 MHz Pentium 100 MHz AMD-K6 PR2-233 AMD-K5 PR100/133		66 MHz x 1.5 / x 3.5	
Pentium/MMX 200 MHz AMD-K6 PR2-200 AMD-K5 PR200		66 MHz x 3	
Pentium/MMX 166 MHz AMD-K6 PR2-166 MHz AMD-K5 PR166 MHz		66 MHz x 2.5	
Pentium 150 MHz AMD-K5 PR150		60 MHz x 2.5	
Pentium 133 MHz Cyrix 6x86/L P166+ IBM 6x86/L P166+		66 MHz x 2	
Pentium 120 MHz Cyrix 6x86/L P150+ IBM 6x86/L P150+		60 MHz x 2	
Cyrix 6x86 PR133+ IBM 6x86 PR133+		55 MHz x 2	
Cyrix 6x86 P120+ IBM 6x86 P120+		50 MHz x 2	
Pentium 90 MHz AMD-K5 PR90/120		60 MHz x 1.5	
Pentium 75 MHz AMD-K5 PR75		50 MHz x 1.5	

Nicht Pin 3 von JP23 mit Pin 1 von JP24 kurzschließen, sonst werden Mainboard und CPU beschädigt.



Do not short pin 3 of JP23 and pin 1 of JP24 by a jumper cap, it will cause severe damage to the mainboard and the CPU.

Voltage			CPU Type	Jumper-Setting			
Type	Vcore	Vio		J100	J108	J107	J105
Single	3,3V	3,3V	Pentium P54C STD Cyrix/IBM 6x86 3,3V				
	3,52V	3,52V	Pentium P54C VRE Cyrix/IBM 6x86 3,52V AMD K5 ABx				
Dual	2,8V	3,3V	Pentium P55C MMX Cyrix/IBM 6x86L				
	2,9V	3,3V	AMD-K6 PR2-166 / PR2-200				
	3,2V	3,3V	AMD-K6 PR2-233				

Weitere Einstellungen / Other Jumper settings		
PB Cache Size	256 kB (without module)	
	512 kB (with module)	
Flash EPROM Voltage	5 Volt (SST)	
	12 Volt (Intel, MX)	
Factory Reserved Jumpers Reservierte Jumper		

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HOT-557 Version 1.5 Specification

CPU Function

- ❑ Pentium processors P54C : 75 ~ 200 MHz
- ❑ Pentium processors P55C (MMX) : 166 ~ 233 MHz
- ❑ Cyrix/IBM 6x86/L processors : P120+ ~ P166+
- ❑ AMD K5 processors : PR75 ~ PR200
- ❑ AMD K6 processors : PR2-166 ~ PR2-233

Chipset

- ❑ Intel PCIsset 82437VX, 82438VX and 82371SB

Memory

- ❑ Supports two banks of EDO, Fast Page Mode DRAM or 3.3V Sync. DRAM ranging from 8MB to 128MB
- ❑ Supports 4MB, 8MB, 16MB, 32MB 72-pins SIMMs or 8MB, 16MB, 32MB 168-pin DIMMs

Cache Memory

- ❑ Integrated L2 write-back cache controller
 - 256KB or 512KB Direct Mapped Pipeline Burst Cache

Power Management Function

- ❑ Provides four power management modes : Full on, Doze, Standby, and Suspend
- ❑ Supports Microsoft APM
- ❑ Provides EPMI (External Power Management Interrupt) pin

Expansions

- ❑ 32-bit PCI bus slot x 4
- ❑ 16-bit ISA bus slot x 3
- ❑ 2-channel PCI IDE port
 - Support up to 4 IDE devices
 - PIO Mode 4, DMA Mode 2 transfers up to 22 MB/sec
 - Integrated 8 x 32-bit buffer for PCI IDE burst transfers
- ❑ One floppy port
- ❑ One parallel port
 - Supports **SPP** (PS/2 compatible bidirectional Parallel Port), **EPP** (Enhanced Parallel Port), and **ECP** (Extended Capabilities Port) high performance parallel port.
- ❑ Two serial ports
 - Supports 16C550 compatible UARTS.
 - Supports IrDA (Infra-red) communication.
- ❑ One PS/2 mouse port
- ❑ Two USB (Universal Serial Bus) ports

System Bios

- ❑ Award PnP Bios v4.51PG
 - Bundled with Symbios Login (NCR) SDCM V4.0 SCSI Bios

Board Design

- ❑ AT form factor, Dimension 220mm x 280mm



Internet: <http://www.spacewalker.com>