



KACER

IPC+ Server Systems + Accessories
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Kacer Industrial Europe GmbH

TEST REPORT

SN:KAC-021031

1U HS1577

Testing by : Mehmet Cengiz

Laboratory checked by : Till Hornäk

Report approved by : Frank Chen

Report No : SM- P4DLR

Date of Issue : October 31, 2002



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TEST REPORT

Application Chassis : HS1577
Date of Application : October 31, 2002
Client: Kacer Industrial Europe GmbH
Superintendent : Sandra Huang
Address : Kieselstr. 13, 41472 Neuss Holzheim
Tel : 02131-661380
Test Location : Kacer Ind. Europe GmbH
Test Item : 1U Happy Server HS-1577

Model	HS1577
	OS: MS Windows 2000 NT Test Software: Passmark Burln M/B: SuperMicro-P4DLR CPU: 2x Xeon 2GHz DIMM: 2x 512MB ECC Reg. DDR SCSI Drives: 3x ST318406LC RAID: ICP GDT7518RN (Raid Level 10) Power: 460W ATX Zippy

Test Method:

- (1) The industrial PC is installed under the isothermal condition. Turn on the Power and executed BurlN Test program at 100% loading.

Date of Test : October 28, 2002



Summary of thermal testing report for the 1U rack-mount chassis.

	Locations	Temperatutre °C
1.	Top of CPU1's die.	45 °C
2.	Top of CPU2's die.	49 °C
3.	HDD1	27 °C
4.	HDD2	24 °C
5.	HDD3	23 °C
6.	HDD4	26 °C
7.	System	28 °C
	Range of CPU Loading	95 ~ 100%

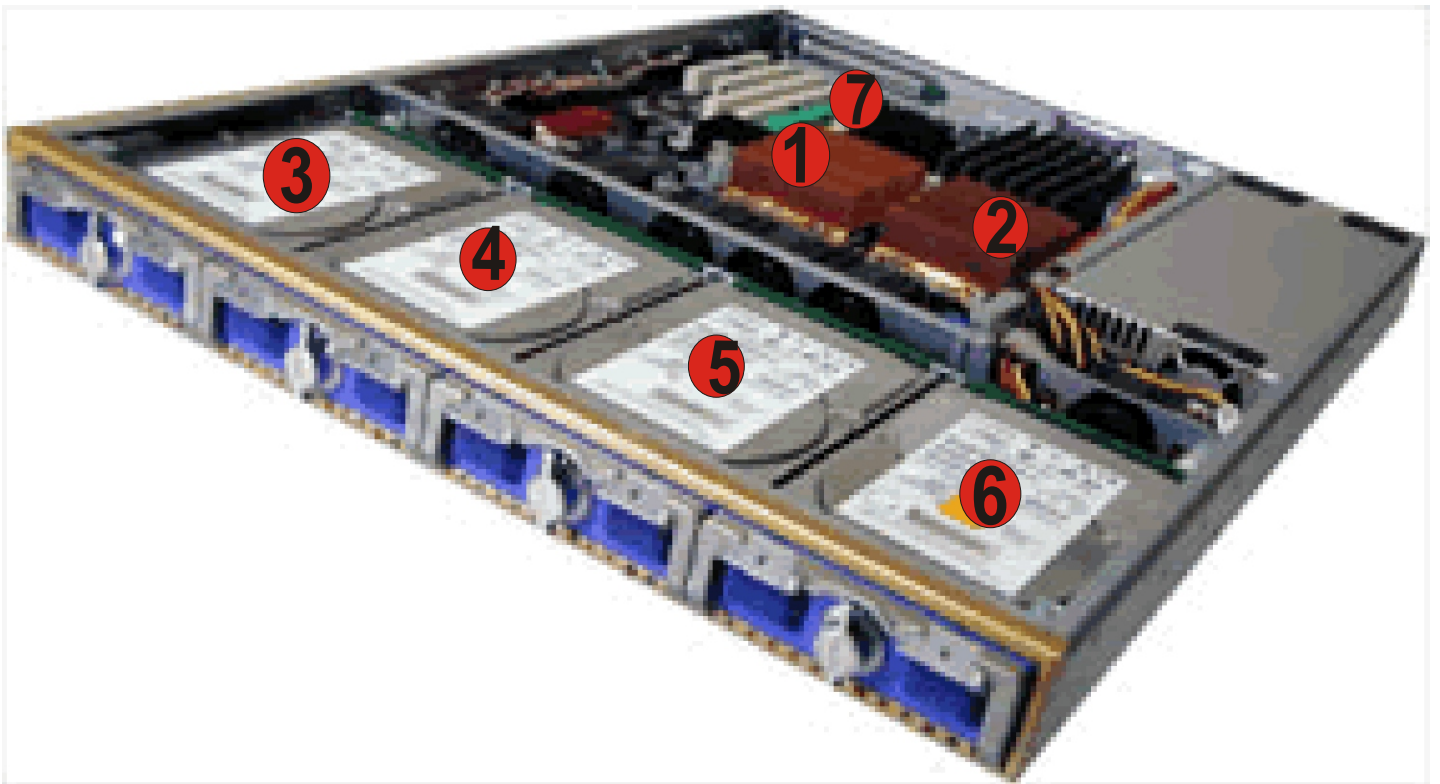


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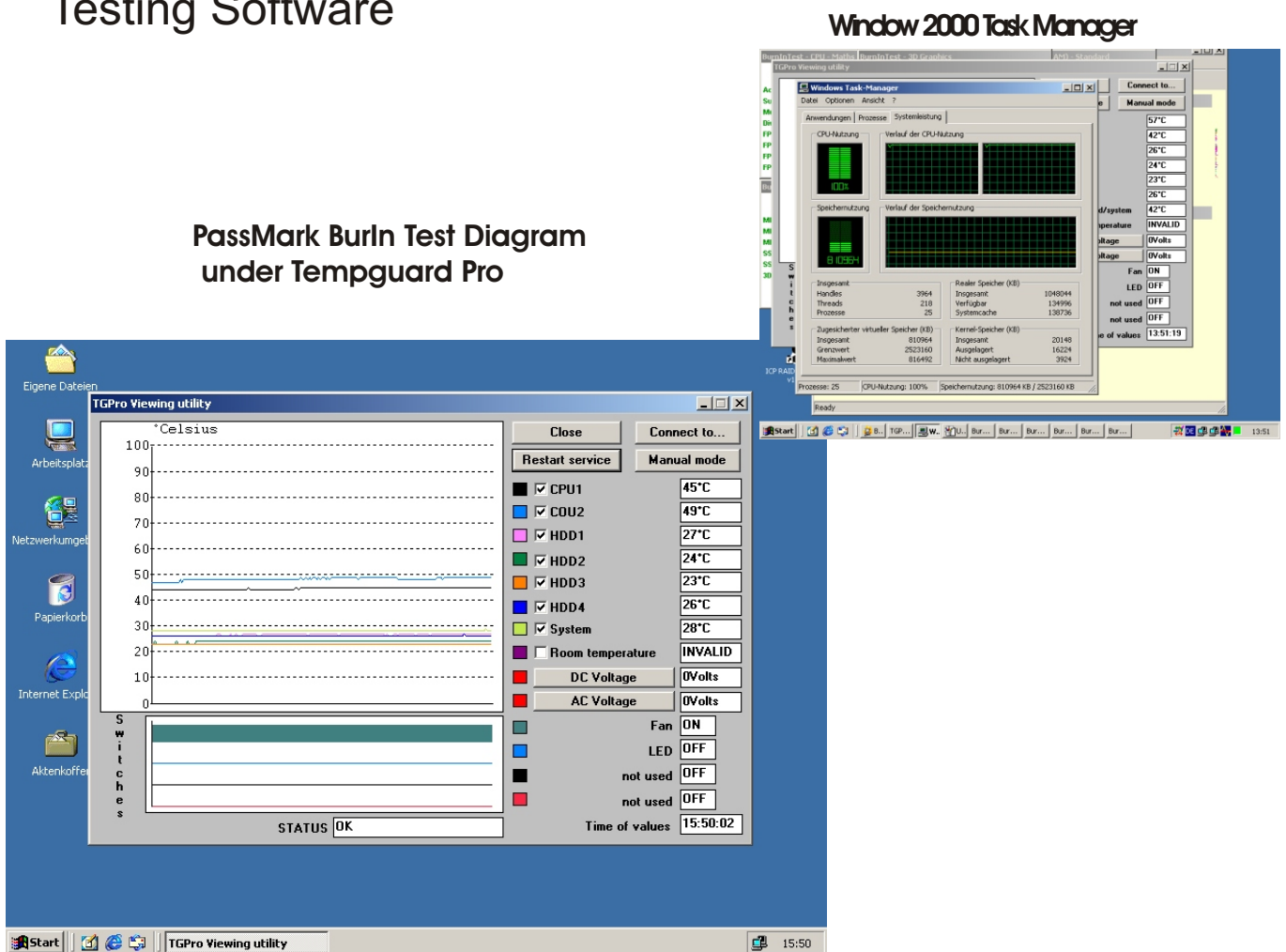
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The locations of thermocouples:



Testing Software

PassMark BurlIn Test Diagram under TempGuard Pro



- Note: (1) The results contained herein are after technical evaluation only
 (2) There are totaling five pages for this report, which is including cover page.
 (3) The results contained herein are used for reference only. It can not use in advertisement or suit.