

# IN Rave – Technical Data



- **Processor:**  
Intel Pentium® with MMX technology
- **Clock Frequency:**  
233 MHz, 266 MHz
- **L2 Cache:**  
512 kB (Pipelined Burst)
- **RAM:**  
32 MB, 64 MB, 128 MB EDO DIMM
- **BIOS:**  
Phoenix flash BIOS



- **LCD Display**  
TFT SVGA color display, 11.3" (28,7 cm), 800 x 600 pixel, 64k colors, 180 NITS  
TFT XGA color display, 13.3" (33,8 cm), 1024 x 768 pixel, 64k colors
- **Mass Storage**  
hard disk drive removable 4.3GB or higher  
floppy disk drive 1.44 MB or optional CD-ROM drive
- **PC-Card (PCMCIA)**  
2 type I/II or 1 type III, card bus supported
- **Interfaces**  
2 serial RS232, 1 parallel EPP/ECP, 1 PS/2 for keyboard, 1 PS/2 for mouse external VGA, IRDA (Infra-Red)
- **VGA Interface**  
internal 32-bit PCI SVGA, VESA compatible  
4 MB VRAM, external monitor  
1024 x 768 x 64 k colors or 800 x 600 x 16 Mio. colors simultaneously
- **Keyboard**  
87 keys, dust- and shower-proof Windows® 95 rubber keyboard, country versions
- **Status indication**  
8 LEDs for power, AC/IN, 2nd battery, drives, NumLK, CapsLK, SCRLK
- **Mechanical Data**  
sealed magnesium case  
dimensions\*) 310 x 70 x 255 mm  
weight 5.4 kg
- **Power**  
AC adapter with battery charging function  
110/240 VAC, 47/63 Hz AC adapter, 52.5 W  
DC 10 - 20 VDC direct input without charging function (option)  
20 - 32 VDC external car adapter/charger (option)  
main battery removable & rechargeable Ni-MH, with on-line charging function and hot swapping (while 2nd or 3rd battery coexists), 64 Wh total  
2nd and 3rd removable & rechargeable Ni-MH battery pack in bay 1 and 2 (option)
- **Power management**  
Sleep/suspend
- **Dust and water protection**  
MIL-STD-810E 506.3 and 510.3, IP 52, NEMA 12, protected against fine dust and splash water

- **Temperature**  
IEC 68-2-1, 2, 14, MIL-STD-810E 501.3 a. 502.3  
non-operating -40 °C to +70 °C  
operating 0 °C to +50 °C (tested)  
opt. operating -20 °C to +50 °C
- **Humidity**  
IEC 68-2-30, MIL-STD-810E 507.3  
5 % to 95 % RH (non-condensing)
- **Altitude**  
IEC 68-2-13, MIL-STD-810E 500.3  
operating 15 000 feet  
non-operating 40 000 feet
- **Shock**  
IEC 68-2-27, MIL-STD-810E 516.4  
operating 15 g, 11 ms, half sine wave  
non-op. 30 g, 11 ms, half sine wave
- **Vibration**  
(IEC 68-2-6, MIL-STD-810E 514.4)  
operating 10 to 55 Hz, ±0,075 mm; 55 to 500 Hz, 1 g  
non-operating 10 to 55 Hz, ±0,15 mm; 55 to 500 Hz, 2 g
- **Drop**  
IEC 68-2-32, MIL-STD-810E 516.4  
1 m free drop, "survive" test (surface: concrete)
- **Approvals**  
FCC part 15, subpart B, class B  
Safety CE, UL, CUL, TÜV
- **Options**  
removable CD-ROM drive  
Ni-MH additional battery pack, 41 Wh for bay 1 or 2  
Sealed modules in bay 2  
COM port modules for two  
RS232/RS422/RS485  
SCSI-II module  
K56 modem/100 Base-T Ethernet module  
2 additional PC-Card slots in bay 2  
Expansion chassis (max. 20 W)  
two 3/4 ISA/PCI\*\*) slots or one 3/4 ISA/PCI\*\*) slot and one removable CD-ROM drive  
Car adapter cable, 12 VDC, (10 to 20 V), without charging function  
Car adapter/battery charger, 24 VDC, (20 to 32 V)  
External battery charger (needs additional AC Adapter)  
Cable to external FDD, backlight keyboard

## Headquarters

**Germany**  
Tel: +49 8165-77-0  
Fax: +49 8165-77-219

**Canada**  
Tel: +1 450 437 5682  
Fax: +1 450 437 5254

## Sales Offices

**Germany South-West**  
Tel: +49 71 56 95 87 10  
Fax: +49 71 56 95 87 20

**Germany West**  
Tel: +49 21 66 9124 70  
Fax: +49 21 66 91 24 71

**Austria and Europe East**  
Tel: +43 664 381 01 02  
Fax: +43 22 39 41 15

**France**  
Tel: +33 1 34 58 12 12  
Fax: +33 1 34 58 12 00

**Singapore**  
Tel: +65 562 94 00  
Fax: +65 562 94 09

**Spain**  
Tel: +34 91 710 20 20  
Fax: +34 91 710 21 52

**Switzerland**  
Tel: +41 17 36 4111  
Fax: +41 17 36 4112

**United Kingdom**  
Tel: +44 (0) 1606 872242  
Fax: +44 (0) 7070 802176

**USA East**  
Tel: +1 561 470 0151  
Fax: +1 561 470 4983

**USA West**  
Tel: +1 650 843 0646  
Fax: +1 650 843 0646

\*) for main housing \*\*) PCI available in Q1/2000. All specifications are tested values. Active matrix color display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels caused during the manufacturing process.