

Field Lite* – Technical Data *preliminary*



- Pentium® 266 Tillamook CPU (1.9V)
- 512 K Cache
- 3.3 V Operation
- Dual Mouse Operation
- Resistive Touchscreen
- Programmable Display Funktion Keys
- EMI proofed Enclosure
- Wireless Expansion
- Mobile Communication
- Designed for Industrial Harsh and Rough Environment



- **Bus Interfaces**
PCMCIA: two dual-Port-PCI-to-PCI Card™/CardBus Controller unit
- **Memory**
DRAM 3.3 V, Self Refreshing Low Power EDO or SD
L2 Cache: 512 kB Synchronous Pipelined Burst SRAM
- **Hard Disk**
Onboard 2.5" 4 GB Hard Disk
- **PCMCIA**
Provides PC Card™/CARDBUS supports
Supports 3.3 V or 5 V cards
4 TYPE I or II slots, or 2 TYPE III slots
Texas Instruments PCI 1220 Controller
- **Clock & Calendar**
Real-time clock with battery backup
- **Sound, Audio & Voice**
SoundBlaster™ and Windows Sound Systems (WSS) compatible hardware
Mic-in and stereo Line-out through docking, shrouded header or 3.5 mm diameter phone jack
PC speaker output
- **BIOS**
Award BIOS with ACPI Support
Chips & Technologies Video BIOS
Boot Block Flash BIOS
Advanced Power Management (Proprietary) Power/ Thermal Management
Full On, Doze, Sleep and Suspend Modes
Supports SMI/ SMM Power Management
Supports SMBus to battery
Plug & Play peripheral support
- **Electrical / Mechanical**
PCI specification Rev. 2.1 (Electrical)
Compliant with 1995 PC Card Standard
- **Graphic**
6.4" TFT Sunlight-Readable Display, 640 x 480
VGA 256 K, 300cd/m²
- **Video**
Chips & Technologies®65550 graphic processor
Resolution: up to 1024 x 768 x 256 colors
32-bit graphics engine with BitBLT
2 MB, 3.3 V, EDO DRAM
Simultaneous CRT/ Flat Panel capability
- **Serial**
Software compatible with NS16C550
COM1, 3 & 4 are RS232 standard
COM2 is RS232 or 110Kbit/s Infrared
- **Parallel**
1 bi-directional port (LPT1) with PC/XT, AT, PS/2, EPP and ECP operations
- **Keyboard and Mouse**
Supports Mini DIN AT keyboard and PS/2 combo connector
- **Docking**
200-pin R/A Industry Standard
Incl. Secondary IDE Port, Keyboard, Mouse, COM1&2, VGA, Floppy, USB, LPT1, Power, Sound
- **VGA output**
15-pin high density DSUB

- **PC Card**
4 x PC Card Expansion
- **Interfaces**
IrDa Data Port, 110K (or 4M Bit/Sec) Transfer
- **Battery**
12 VDC: Smart Battery
- **Input Power**
12 W full operation
12 VDC: Duracell® Smart Battery DR36 or equivalent
- **Operating Time**
8 hours typical
Accepts 12 V Lithium-ion (Li Ion) and Nickel Metal Hybride (NiMH) batteries
- **Charging**
smart profile, continuous with full operation
- **Source**
12 – 18 VDC input and ext. Wall charge power supply, 50 W
- **Charging Parameters**
Temperature, current and voltage condition
- **Protection against Dust & Rain**
IP 54
- **Humidity**
90% (non-condensing)
- **Temperature**
-10° - +45°C Operating
0°C - +70°C Storage
- **Altitude with Hard Disk**
3000 meters
- **Shock**
Operating: 15g, 11ms half size
Non Operating: 30g, 11ms half size
- **Overall Dimensions**
7" H x 9" W x 3" D (Case and Bumpers)
177.8mm H x 288.6mm W x 76.2mm D
- **Weight with Bumpers**
<2.0 kg without Battery
<2.6 kg with Battery
- **MTBF**
>60 000 hours
- **Operating Systems**
PC and MS DOS
Windows®95/98
Windows®NT
Consult factory for other Operating Systems
- **Warranty Period**
Two years
- **Options**
128 MB RAM
IDE Flash Card
Portable PCMCIA CD-ROM Drive
PC Card LAN Ethernet
GPS & MAP Navigation System,
PS/2 Keyboard, Black
PC Card Modem 56K
Battery, Lithium Ion, 10.8 V, 4050mAh

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* Available in Q1/2000

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