

Panther DR8

10.4" Version



Technical Data

Display	10.4" XGA (1024x768) LCD sunlight readable & resistive single touch screen	Interfaces	2xUSB2.0, 1x serial DB9, 1xGigabit LAN, 1xPCMCIA Type II, 1xExpress Card (PCIe), 1xDC-In, 1x Docking Connector
Chipset	North Bridge: Mobile Intel® 945GME Express South Bridge: Intel® 82801GHM ICH7	Power Supply	<ul style="list-style-type: none">• Li-Ion battery, 11.1 V, 4400 mAh Battery lifetime 178 min*• AC-Adapter 100-240 V, 50/60 Hz, 90 W• integrated vehicle adapter 12-32 V
CPU	Intel® CPU Core™ 2 Duo 1.06 GHz, 2 MB L2 cache	OS	Windows XP, Windows 7 (32 / 64 Bit)
Graphics	Intel® Graphics Media Accelerator (GMA950), max. 224 MB SMA, 256 Bit, 400 MHz, Dynamic Video Memory Technology	Certification	IP54, MIL-STD 810F MIL-STD 461E Navy Fixed & Air Force
Memory	Up to 4, GB 2x DDR2 SO-DIMM Slots (The maximum RAM size availability depends on type & version of the installed operating system.)	Case	rugged magnesium case
Storage	Removable 2.5" SATA HDD (Std. 500 GB)	Colour	military green, other colours on request
Audio	AC97 Sound, Stereo speakers	Dimensions	286 mm x 235 mm x 60 mm
Keypad	ON/Off, LCD brightness, Standby, 6 free programmable funktion keys	Weight	3.0 kg

* The battery maturities were determined using the MobileMark 2007 benchmark according to the instructions and procedures for BITKOM „product-neutral description of performance for notebooks,“ version 2.1.

roda MilDef reserves the right to update the information at any time without notice

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- DR8 Alladin, special fixation & sun protection (custom project)



- Panther DockLite Std.



- Panther DockLite MIL



- Panther StandUnit

MIL-STD 810F	Operating	Storage
Altitude Method 500.4, (procedure I, II)	4572 m (15000 ft)	12180 m (40000 ft)
Temperature Method 501.4 & 502.4, (procedure I, II)	-20°C to +50°C -30°C with heater	-40°C to +70°C
Temperature Shock Method 503.4, (procedure I)	N/A	-20°C to +60°C
Solar Radiation Method 505.4, (procedure I)	N/A	Diurnal Cycle A1, worldwide deployment
Rain Method 506.4, (procedure I)	N/A	276 kPa, 0.5 - 4.5 mm diameter
Humidity Method 507.4, (procedure I)	N/A	Five 48h test cycles 95 %
Salt fog Method 509.4, (procedure I)	N/A	5 %, 35° C
Explosive Atmosphere Method 511.4, (procedure I)	passed	passed
Vibration Method 514.5, category 1 Method 514.5, category 14 (procedure I) Method 514.5, category 20 (procedure I)	Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration	Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration
Shock Method 516.5, (procedure I)	40 g, 11 ms	40 g, 11 ms

more Options

- Removable SATA SSD (industrial grade)
- Removable SATA HDD upgrade with up to 1 TB capacity
- Fiberoptic LAN 100/1000 MBit
- WLAN card (Intel® Pro Wireless 3945ABG 802.11a/b/g)
- UMTS / HSDPA card (Cinterion HC25)
- GPS module (Ublox LEA-6H)
- Bluetooth v2.0 module class 1/2
- Joystick module
- Camera module
- Displayfilter for Night Vision Equipment
- External FDD or CD/DVD drive
- Heater for -30°C operating
- Modem port (RJ11)
- 1-2x additional external COM-Port DB9 connectors
- Internal CAN BUS interface
- Military grade connectors for nearly all interfaces

Optional certifications & modifications

- MIL-STD 461E certification
 - Ground Army (Navy fixed & Army)
- BSI Zone 1 / SDIP 27 Level B

Accessories

- Second Li-Ion Battery 11.1 V, 7200 mAh
 - Sunshade (glare shield & screen protector)
 - Battery Charger for prim. and sec. battery
 - ROD01.2 DC/DC Power Supply
 - ROD03 DC/DC Power Supply
 - Transport Bag
 - StandUnit fixation
 - Vehicle fixation / RAM mount
 - DockLite (port replicator) for Docking Connector
- Stanard version:
- 2x serial DB9, 1xVGA, 1xRJ11, 1xLAN, 1xAudio/Mic, 4xUSB (2xStandard, 2x sealed Connector), 1xDC-In
- Military version example:
- 1x MIL-LAN, 1x MIL-DVI, 1x MIL-RS232, 1x serial DB9, 2x USB, 1x MIL-DC

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