

Panther DK8

Military Version



Technical Data

Display	12.1" XGA (1024×768) LCD sunlight readable with LED backlight & 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	• Li-Ion battery, 11.1 V, 7200 mAh Battery lifetime 406 min * • AC-Adapter 100-240 V, 50/60 Hz, 90 W • integrated vehicle adapter 12-32 V
CPU	Intel® CPU Core™ 2 Duo 1.66 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	IP65 MIL-STD 810F
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	black, military green, desert / sand colour; other colours on request
Audio	AC97 Sound, Stereo speakers	Dimensions	320 mm x 255 mm x 54 mm
Keypad	ON/Off, LCD brightness, Standby, 6 free programmable funktion keys, Trackpoint mouse with left mouse button	Weight	2.5 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.

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• DK8 with optional modules (OCR & Smart Card Reader)



• DK8 with optional MIL grade interfaces (custom projects)



• Panther DockLite MIL



• Panther StandUnit

MIL-STD 810F	Operating	Storage
Altitude Method 500.4, (procedure I, II)	4572 m (15000 ft) 12192 m (with special HDD housing)	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
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
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, 11ms 122 cm (26 drops)	40 G, 11ms 122 cm (26 drops)

more Options

- CPU: Intel® Core™ 2 Duo ULV 1.06 GHz
- 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
- OCR/MRZ Reader module
- Chip/Smart Card Reader module (single or dual slots)
(needs the PCMCIA & Express Card slot)
- Displayfilter for Night Vision Equipment
- External FDD or CD/DVD drive
- Heater for -30°C operating
- 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 Navy (Navy fixed & Air Force)
- 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
 - ROD01.1 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:
- 1x MIL-LAN, 1x MIL-DVI, 1x MIL-RS232, 1x serial DB9, 2x USB, 1x MIL-DC

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