
Toughbook CF-19

TEMPEST NOTEBOOK

SDIP 27 Level B / Zone 1



The Toughbook CF-19 is seen quite rightly as the reference model for real outdoor notebooks. It is robust like no other notebook and is optimally prepared for the harshest conditions of use in all areas of your business. Shocks, drops, heat, cold, dust and damp present no risk to the Toughbook. Thanks to Intel® Centrino® Duo Mobile Technology, you can benefit from a rechargeable battery life of up to 7 hours - for the most demanding use whilst on the move..

Its 10.4" sunlight viewable XGA touchscreen display features an outstanding brightness of up to 1000cd/m² that guarantees brilliant visibility even in glaring environments, even in direct sunlight.

All joints and external covers are sealed providing the unit a dust and water resistance to the IPX4-standard. The 'hot swapping' multimedia pocket gives the flexibility to swap between several drives and even a secondary battery. The Intel® Centrino® Duo Processor Technology with Intel® Core™ 2 Duo Processor promises high performance and efficient energy consumption.

Key Features:

- Intel® Centrino® 2 with vPro™ technology
- OS: Genuine Windows® XP Professional or Genuine Windows Vista® Business
- Full Magnesium Alloy with handstrap
- 10.4" sunlight viewable XGA Active Matrix (TFT) colour LCD (up to 1000 cd/m²)
- 2,3 kg including battery and handle
- Long battery life of up to 9 hours
- 2x USB 2.0
- Security Features
- TEMPEST SDIP 27 Level B / Zone 1 certified

Preliminary specification, subject to change without notice!
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TEMPEST • RUGGED • MIL-SPEC

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Toughbook CF-19

Technical Data

Processor

- Intel® Centrino® 2 with vPro™ technology
- Intel® Core™ 2 Duo processor SU9300 (1.2GHz, 3MB L2 cache, 800MHz FSB)
- Mobile Intel® GS45 Express Chipset

Operating System

- Genuine Windows Vista® Business Service Pack 1 or
- Genuine Windows XP Professional Service Pack 2

RAM

- 2GB, DDR2 SDRAM (max. 4GB)

Graphic Chip

- Intel® Graphics Memory Control Hub; UMA (2GB RAM: Win XP: max. 1024MB; Win Vista: max 797MB)

Storage

- 320 GB HDD (SATA, easy accessible, shock resistant; SSD (max. 32GB – project driven)

Display System

- 10.4" sunlight-viewable XGA Active Matrix (TFT) colour LCD (up to 1.000 cd/m²)
- 1024 x 768 pixels (XGA); 16 million colours; Concealed Mode

Cabinet

- Full magnesium alloy with integrated carrying handle

LAN

- IEEE 802.3 10 Base-T, IEEE 802.3u 100 Base-TX, IEEE 802.3ab 1000 Base-T

Modem

- Data: 56 kbps (V.92), FAX: 14.4 kbps

Input Devices

- Touchpad and Keyboard with 88 keys

Interfaces

- Serial (16550A compatible): D-sub. 9-pin
- External Display: Mini D-sub, 15-pin
- Headphone: Mini-jack, 3.5 DIA
- Microphone: Mini-jack, 3.5 DIA, stereo
- DC in: Jack
- USB 2.0: 2x 4-pin
- Modem: RJ-11

Expansion Slots

- PC Card: 1x Type I or 1x Type II (3.3V: 400mA, 5V: 400mA)
- Express Card: 1x ExpressCard/34 or ExpressCard/54
- SD/SDHC Memory Card: 1x
- Optional RAM Module: 1x SO-DIMM (200-pin, 1.8V, DDR2 SDRAM, PC2-5300 Compliant)

Power

- AC-Adapter: Input: 100V ~ 240V, 50/60Hz, Output 15.6Vm 8A
- Battery: Lithium-Ion (10.65V, 8.55Ah)
- Battery Life: Approx. 12.5 hours (Main Battery + 2nd Battery)
- Charging time (main battery pack): Power off: approx. 4,5 hours: Power on: approx. 6.5 hours

Power Consumption

- Approx. 60W (maximum when recharging)

Power Management

- Standby Function, Hibernation function, ACPI BIOS

Physical Characteristics

- Dimensions (WxHxD): 271 x 49 x 216 [mm]
- Weight: approx. 2.3 kg

Security Feature

- TPM (Trusted Platform Module, TCG V1.2 compliant)
- Integrated hardware security lock slot
- Password Security (supervisor password, user password, HDD lock)

Accessories

- AC Adapter
- Battery Pack, Battery Pack (second battery)
- Battery charger
- Car-Charger
- Combo Drive Pack (USB)
- Port Replicator
- RAM Modules (1GB, 2GB)

Testing Standards

- Water resistance test: MIL-STD 810F 506.4.III
- Dust resistance test: MIL-STD 810F 510.4-Level
- Vibration resistance test: MIL-STD 810F 514.5 category 24

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