

Panasonic Toughbook CF-U1

As the world's first ruggedized ultra mobile PC, the Toughbook CF- U1 combines maximum functionality and connectivity in a compact size with extreme durability.

At 1060 grams, the unit can withstand falls as high as 120 cm, and is IP65 compliant for dust and moisture resistance.



Data can be input through either the keyboard, or with a pen or finger on the 5.6-inch touchscreen which is viewable even in direct sunlight. With the WSVGA resolution (1024 x 600), 1GB of memory, 16GB solid-state hard drive (optional 32GB) and energy efficient 1.33GHz Intel® Atom CPU the CF-U1 can run under constant use for up to 9 hours.

A full-function operating system (Windows® XP or Windows Vista®) makes the CF-U1 the better high-performance alternative compared to conventional handhelds, while standard WLAN and Bluetooth delivers the latest wireless technologies. And the optional integrated HSDPA, GPS and other application-specific modules make the CF-U1 the mobile multifunctional tool for even the most demanding working conditions.

Key Features

Extremely rugged – Fanless, dust and water resistant design (IP65, MIL-STD-810G).

Drop resistant – Can withstand falls as high as 120cm.

Powerful - Dual hot swappable batteries providing up to 9 hours of battery life.

Lightweight – weighing only 1.06kg

Resolution – With WSVGA resolution (1024 x 600).

Full-function operating system – Windows® XP or Windows Vista®.

WLAN - Intel® Wireless WiFi Link 5100 .

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Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

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Toughbook CF-U1 Essential Specifications



FUNCTIONAL

Processor	Intel® Atom™ Processor Z520 (1.33GHz, 512KB L2 cache)
Memory	1GB DDR2 SDRAM VRAM; Max.256MB
Storage	16GB Solid State Disk (32GB optional)
Display	5.6" (TFT) colour LCD with touchscreen, 1024 x 600 pixel (WSVGA)
I/O Ports	Microphone: Mini-jack, 3.5 DIA, stereo Headphone: Mini-jack, 3.5 DIA, stereo USB 2.0: 1X DC-IN: 1X Expansion connector: 1 x Cradle I/O SD/SDHC Memory card: 1x
Expansion Slot	Optional TPM (Trusted Platform Module, TCG V1.2 compliant)
Security Chip	4 User Defines Programmable Buttons, Monaural speaker, supporting Intel® High Definition Audio subsystem
Integrated Communications	Touchscreen LCD Intel® Wireless WiFi Link 5100 Series (802.11a/b/g/draft-n) Bluetooth® 2.0 + EDR
Operating System	Genuine Windows Vista® Business Service Pack 1 or Genuine Windows® XP Professional (Downgrade)
Input devices	Touchscreen LCD 61-key alphanumeric keyboard with dedicated Windows® key or 29-key numeric keyboard Zoom (in/out) and scroll (up/down) buttons 4 user-defined programmable buttons

PHYSICAL

Dimensions	184mm x 151mm x 57mm / 7.24" x 5.94" x 2.24" (including hand strap)
Weight	Approx. 1.06kg/2.30lbs (including hand strap)
Structure	Fully rugged Magnesium alloy casing encased with ABS and elastomer Meets or exceeds MIL-STD-810G Meets or exceeds MIL-STD-461F (Optional) UL1604 class I, division 2, groups ABCD certified model CCX Certified v4 IP65 Compliant for dust and moisture resistance

ELECTRICAL

AC Input	Input: 100V – 240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A
Battery	Li-ion (7.2V, 2900mAh), 2 x 2-cell pack, hot swappable

OPTIONS

Integrated Options	3G Mobile Broadband (HSDPA) Bar Code Reader (1D or 2D) or RFID Reader GPS Camera with dual LED light Fingerprint Reader 32GB SSD
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