

Panasonic recommends Windows Vista™ Business



THE SLIM AND ROBUST NOTEBOOK WITH TOUCHSCREEN® TOUGHBOOK CF-T5

Intel® Centrino® Duo Mobile Technology

Genuine Windows Vista™ Business

Shock absorbing 12.1" LCD magnesium alloyed casing (withstands pressure of up to 100kgf)

Touch screen and hand strap for comfortable single-handed operation

Silent fanless design



Optional integrated UMTS/HSDPA module

Compact and light design that weighs only 1510g

Huge battery life of up to 14 hours

Outstanding Mobility Factor of 9.27

Drop resistant from a height of 30cm

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Information at www.toughbook.eu

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The stylish, slim and ultra portable CF-T5 with touch screen is so small and comfortable that you can take it with you everywhere. With its small dimensions and weight of only 1510g it easily fits into handbags and briefcases. Despite its light weight the CF-T5 is extremely robust – due to the special design of the magnesium casing: it withstands a load of up to 100kgf and protects the 12.1 inch Touch screen. This – together with the practical hand strap on the underside of the casing – allows a comfortable and simple single-handed operation. Data can easily be entered by using the stylus pen. To ensure that the CF-T5 withstands any unavoidable falls or drops on the go, the easily accessible and maintenance-friendly hard disk is especially protected: it is shock resistant so that your data is even protected from loss in the event of a collision from a height of 30cm. The optional integration of UMTS/HSDPA makes the CF-T5 an ideal notebook, especially if you need permanent accessibility and fast data communication. The integrated Intel® Centrino® Duo Mobile Technology allows you wireless access to data and information at thousands of WLAN hotspots worldwide. Other advantages are the fanless design for silent working and the high-performance lithium-ion battery, which allows an operation time of up to 14 hours – perfect for a long working day out of the office.



Mobile Computing Platform	Intel® Centrino® Duo Mobile Technology – Intel® Core™ Duo Processor ULV U2400 (1.06GHz, 2MB L2 cache, 533MHz FSB) – Intel® 945GMS Express Chipset – Intel® PRO/Wireless 3945ABG network connection, supporting IEEE 802.11a/b/g (max. 54Mbps)
OS	Genuine Windows Vista™ Business or Genuine Windows® XP Professional
RAM	512MB, 1GB (DDR2-533 SDRAM, expandable to 1536MB)
Graphic Chip	Intel® 945GMS graphic controller, up to 224MB UMA (unified memory architecture; with extended RAM and Windows Vista™)
HDD	60 GB (shockresistant and easy accessible)
LCD	12.1" anti-glare Active Matrix (TFT) colour LCD with touchscreen (flexible mounted) 1024x768 pixel (XGA), 16 million colours
LCD Cabinet	Magnesium alloy
Bluetooth®	Version 2.0 + EDR
WLAN	IEEE 802.11a/b/g (max. 54Mbps); slide on/off switch
LAN	IEEE 802.3 10 Base-T / IEEE 802.3u 100 Base-TX
Modem	Data: 56 kbps (V.90) FAX: 14.4 kbps
Sound	SigmaTel™ STAC9200 (AC-97 V2.1 compliant), supporting Intel® High Definition Audio Subsystem WAVE and MIDI playback, software control of sound volume (FN + F5/F6 keys) Monaural speaker
Input Devices	Touchscreen, Touchpad and Keyboard (84-key with dedicated Windows® key)
Indicators	8 LEDs (Power, ECO, Battery, HDD, Caps Lock, Scroll Lock, Num Lock, SD card)
Interfaces	External display (VGA port): Mini Dsub, 15-pin Headphone: Mini-jack, 3.5 DIA, stereo Microphone: Mini-jack, 3.5 DIA, stereo DC In: Jack USB 2.0: 2x 4-pin Modem: RJ-11 LAN: RJ-45 Mini Port Replicator: 50-pin
Expansion Slots	PC Card: 1x Type I or Type II (3.3 V: 400 mA, 5 V: 400 mA) SD Memory Card: 1x (Data transfer rate = 8MB per second) Optional RAM Module: 1x MicroDIMM (172-pin, 1.8 V, DDR2 SDRAM, PC2-4200 compliant)
Power	AC Adaptor: Input: 100 ~ 240 V AC, 50 Hz/60 Hz; Output: 16 V DC, 2.5 A Battery: Li-ion (11.1 V, 7.65 Ah) Battery life: Approx. 14 h (JEITA Battery Run Time Measurement Method 1.0, Vista™ model without Bluetooth®) Charging time: Power off: approx. 5 h; Power on: approx. 7 h
Power Management Software	Standby function, Hibernation function, ACPI BIOS Microsoft® Internet Explorer 7.0, DirectX 10, Microsoft® Windows® Media Player 11, Microsoft® Windows® Movie Maker 6.0, Microsoft® .NET Framework 3.0, Adobe Reader, Loupe Utility, Touch Pad Utility, DMI Viewer, PC Information Viewer, Bluetooth™ Stack for Windows® by TOSHIBA, Display Rotation Tool, Wireless Switch Utility, Economy Mode (ECO), Setting Utility, Battery Recalibration Utility, Infineon TPM Professional Package V3.0, Setup Utility, Hard Disk Data Erase Utility, PC-Diagnostic Utility
Security Features	TPM (Trusted Platform Module, TCG V1.2 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
Dimensions (WxHxD)	268mm x 33.3mm/50.2mm* x 218mm / 10.6" x 1.3"/2.0"* x 8.5" (excluding protrusions; * front/back)
Weight	1510g / 3.3lb (including battery)
Accessories	512MB RAM module: CF-WMBAW0512 AC adaptor: CF-AA1623AE, CF-AA1623AG, CF-AA1623AT Battery pack: CF-VZSU37U External Combo drive (USB): CF-VDRRT3U External FDD (USB): CF-VFDDU03U Stylus Pen: CF-VNP004U Mini Port Replicator: CF-VEBU05AU (4x USB 2.0, 1x VGA, 1x LAN, 1x DC-In)

Specification and configuration may vary depending on country. Accessories may vary depending on your notebook configuration. Consult a Panasonic sales office near you for more details and availability of integrated options.

As an ENERGY STAR® Partner, Matsushita Electric Industrial Co., Ltd. has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. Active Matrix colour display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels as an artefact of the manufacturing process (effective pixels: minimum 99.998%). RAM capacity calculated as follows: 1MB = 1,048,576 bytes. HDD capacity calculated as follows: 1GB = 1,000,000,000 bytes. Panasonic and Toughbook are brand names and registered trademarks of Matsushita Electric Industrial Co., Ltd. Acrobat® is a registered trademark of Adobe® Systems Incorporated. Intel, Intel Inside, the Intel Inside logo, Intel Core, Intel Centrino, and the Intel Centrino logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Microsoft® and Windows® are registered trademarks of Microsoft® Corporation of the United States and/or other countries. All other brand names shown are the registered trademarks of the relevant companies. All rights reserved. All working conditions, times and figures quoted are optimum or ideal levels and may differ as a result of individual and local circumstances. Panasonic Marketing Europe GmbH, Panasonic Computer Products Europe Headquarters, Hagenauer Straße 43, 65203 Wiesbaden (Germany).

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