

# Panasonic

ideas for life

Panasonic recommends Windows Vista® Business

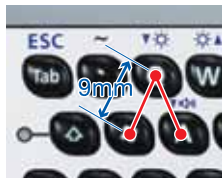


## TOUGHBOOK CF-U1

Extremely-rugged Ultra Mobile PC that withstands shocks, spills, and dust

OS	Genuine Windows Vista® Business Service Pack 1
CPU	Intel® Atom™ Processor Z520 (1.33 GHz, 512 KB*1 L2 cache, 533MHz FSB)
Color TFT-LCD	5.6" WSVGA
SSD	16 GB*2 (Flash-Memory Drive)
RAM	1 GB*1

Keyboard with leaf-shaped keys and zigzag key arrangement.



Includes hand strap to facilitate handheld use.




Cradle with battery charger\*3 available. (Option)



 High-brightness LCD with Anti-Reflection (AR) coating for easy viewing under direct sunlight.

 Shock-resistant body ensured by a 120-cm (48 in) free-fall test.\*4

 Operates with the standard battery for approx. 9 hours.\*5

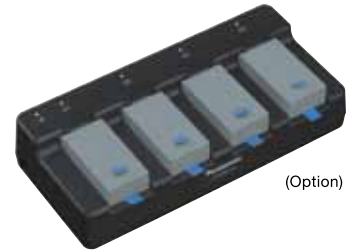
Comes with Intel® Atom™ processor, Intel®'s smallest CPU fabricated with the world's smallest transistors.

Widely customizable and expandable  
GPS, Wireless WAN, Fingerprint Scanner, Camera, Barcode reader

\*1 1 KB = 1,024 bytes. 1 MB = 1,048,576 bytes. 1GB = 1,073,741,824 bytes. \*2 The SSD is 1 GB (1,000,000,000 bytes) in capacity. The actual capacity may be less than displayed, depending on the OS and application software. \*3 Uses AC adapter bundled with CF-U1. \*4 Test conducted in operating condition. The shock resistance, vibration resistance, dust-proof, and splash-proof functions are not a guarantee against damage or malfunction. \*5 The period of battery operation time varies according to the operating environment, LCD brightness, and system settings. Measured using MobileMark® 2007 (LCD brightness: 60 cd/m²).

\* The shock resistance, vibration resistance, dust-proof, and splash-proof functions are not a guarantee against damage or malfunction.

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(Option)

(Option)



## CF-U1

Model No.	CF-U1AQB Series	
OS*1	Genuine Windows Vista® Business Service Pack 1	
	Optional OS*2	
	Genuine Microsoft® Windows® XP Professional Service Pack 2 with Advanced Security Technologies	
CPU/Secondary cache memory	Intel® Atom™ Processor Z520 (1,33 GHz, 512 KB*3 L2 cache, 533 MHz FSB)	
Chipset	Intel® System Controller Hub	
Main Memory	1 GB*5 DDR2 SDRAM	
Video Memory	256 MB*3 Max.*4	
Flash Memory Drive	16 GB*5	
Display Method	5.6 WSVGA type (TFT) (1024 x 600 dots) 65,536 / 16,777,216 colors (800 x 600 dots / 1024 x 600 dots / 1024 x 768 dots)*6	
Wireless LAN	Intel® WiFi Link 5100 IEEE802.11a(W52/W53/W56) /b/g compliant, IEEE802.11n (Draft 2.0) compliant*7	
Bluetooth®	Version 2.0 + EDR	
Sound	WAVE and MIDI playback, Monaural speaker, Intel® High Definition Audio subsystem support	
Card Slot / SD Memory Card Slot*8	x 1	
Interface	USB port (4-pin, USB 2.0)*9 x 1, Microphone Jack (Miniature jack, 3.5 DIA, Stereo), Headphone Jack (Miniature jack, 3.5 DIA, Impedance 32 Ω, Output Power 4 mW x 2, Stereo), Expansion Bus Connector (Dedicated 19-pin female)	
Keyboard / Pointing Device	61 keys English Mini Qwerty Keyboard / Touchscreen	
Button	Scroll (up / down), Zoom (up / down) Application x 4	
Power Supply	AC adaptor or Battery pack	
AC Adaptor*10	Input: 100 V to 240 V AC, 50 Hz / 60 Hz, Output: 16.0 V DC, 3.75 A	
Battery Pack (typ.)	Li-ion 7.2 V, 2900 mAh x 2 packs	
Operating Time*11	Charging Time*12	Power on
	Power off	Power on
		Power off
Power Consumption*13	Approx. 12 W*14 / Approx. 20 W (Maximum when recharging in the ON state)	
Physical Dimensions (W x D x H) (excluding the hand strap)	184 mm x 151 mm x 57 mm	
Weight (including the hand strap)	Approx. 1.06 kg (Approx. 2.3 lb.)	
Operation Environment	Temperature: 5 °C to 35 °C Humidity: 30% to 80% RH (No condensation)	
Storage Environment	Temperature: -20 °C to 60 °C Humidity: 30% to 90% RH (No condensation)	
Utility Programs	Adobe Reader 8, PC Information Viewer, Full Screen Zoom, Keyboard Button Manager, Intel® PROSet/Wireless WiFi Connection Utility, Bluetooth™ Stack for Windows® by TOSHIBA, Wireless Switch Utility, Hotkey Settings, Battery Recalibration Utility, Setup Utility	

\*1 Operations of this computer are not guaranteed except for the pre-installed OS and the OS which is installed by using the Product Recovery DVD-ROM provided by Panasonic. \*2 When 25 or more units will be purchased in one year. This is a model pre-installed with Windows XP Professional and prepared on behalf of customers who purchased a Windows Vista Business model and wish to exercise their right to downgrade the OS. \*3 1 KB = 1,024 bytes / 1 MB = 1,048,576 bytes / 1 GB = 1,073,741,824 bytes. \*4 A segment of the main memory is allotted automatically depending on the computer's operating status. The size of the Video Memory cannot be set by the user. The size of Video memory is allotted depending on the operating system. \*5 1 GB = 1,000,000,000 bytes. Your operating system or some application software will report as fewer GB. \*6 A 16,777,216 color display is achieved by using the dithering function. \*7 IEEE 802.11n is draft version. When use Wireless LAN access point compliant to J52, need to upgrade firmware of Wireless LAN access point side to W52 compliant. \*8 This slot is compatible with High-Speed Mode. Operation has been tested and confirmed using Panasonic SD/SDHC Memory Cards with a capacity of up to 32 GB. Operation on other SD equipment is not guaranteed. \*9 Does not guarantee operation of all USB-compatible peripherals. \*10 <Only for North America> The AC adaptor is compatible with power sources up to 240 V AC adaptor. This computer is supplied with a 125 V AC compatible AC cord. \*11 Measured at LCD brightness: 60 cd/m<sup>2</sup>, Windows Vista MobileMark® 2007, Windows XP MobileMark® 2005 Varies depending on the usage conditions, or when an external device is attached. \*12 Varies depending on the usage conditions. \*13 Approx. 0.9 W when the battery pack is fully charged (or not being charged) and the computer is OFF. \*14 Rated power consumption.

As an ENERGY STAR® Partner, Panasonic Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. Active Matrix color display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels as an artifact of the manufacturing process (effective pixels: minimum 99,998%, defect pixels: maximum 0.002%). Panasonic and TOUGHBOOK are brand names and registered trademarks of Panasonic Corporation. Acrobat® is a registered trademark of Adobe® Systems Incorporated. Intel, the Intel logo, Intel Atom, Intel Atom Inside are trademarks of Intel Corporation in the United States and other countries. Microsoft®, Windows® and Windows Vista® are 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.

## Numerous ways to customize for applications like these



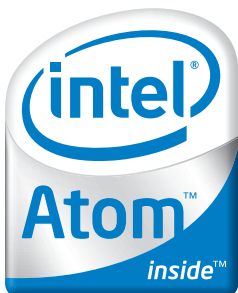
- **At the construction site**  
Compact design makes it easy to handle when you are high up. With built in GPS, you can receive a map of the work site to make getting there easily.



- **On the road**  
The built-in wireless WAN lets you access your company server so that you can easily verify or compare customer information.



- **At the warehouse**  
Using the built-in barcode reader, you can quickly and easily control inventory.



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