

Toughbook CF-52

The high specification PC with 15.4" WUXGA widescreen for both office and field.



- CF-52 high end model has a greater performance, yet more durable and mobile for use in the field
- Genuine Windows Vista® Business or Genuine Windows® XP Professional
- Withstands drops from a height of up to 76cm*
- Splash resistant keyboard and touchpad
- 15.4" Active Matrix Widescreen LCD (WUXGA resolution)



Mobile Computing	Intel® Centrino® 2 Processor Technology	
Platform	– Intel® Core™ 2 Duo Processor P8600 (2.4GHz, 3MB L2 cache, 1066MHz FSB) – Mobile Intel® PM45 Express Chipset – Intel® Wireless WiFi Link 5100AGN (802.11a/b/g/draft-n)	
OS	Genuine Windows Vista® Business Service Pack 1 or Genuine Windows® XP Professional Service Pack 2 with Advanced Security Technologies (NTFS File System)	
RAM	1GB DDR2-800 SDRAM (expandable to 2GB+2GB on project basis)	
Graphic Chip	ATI Mobility Radeon™ HD 3650, 512MB VRAM dedicated (1GB RAM: max. 1024MB with Win XP; max. 1903MB with Win Vista®)	
HDD	160GB SATA (shock resistant; withstands a 76cm drop*)	
Optical Disc Drive	DVD Multi Drive	
LCD	15.4" Active Matrix Widescreen LCD with AR coating 1920 x 1200 pixels (WUXGA)	
LCD Cabinet	Magnesium alloy	
Bluetooth™	Version 2.0 + EDR	
I/O	Serial, Firewire IEEE 1394a, VGA, Giga LAN (RJ-45), Modem (RJ-11), Headphone, Microphone, Port Replicator, 4x USB 2.0	
Expansion Slots	PC Card:	1x Type I or Type II (3.3V: 400mA, 5V: 400mA)
	Express Card:	1x ExpressCard/34 or ExpressCard/54
	SD/SDHC Memory Card:	1x
	Optional RAM Module:	200-pin, 1.8V, SO-DIMM, DDR2 SDRAM, PC2-6400 Compliant
Power	AC Adapter:	Input: 100V ~ 240V, 50Hz/60Hz; Output: 15.6V, 8A
	Battery:	Lithium-Ion (11.1V, 7.8Ah)
	Battery life:	Approx. 3.0h (Vista model, LCD brightness: 60cd/m²)
	Charging time:	Approx. 4.0h (Power on)
Power Consumption	Approx. 60W – max. 100W (maximum when recharging)	
Power Management	Standby function, Hibernation function, ACPI BIOS	
Software	e.g. Adobe® Reader, WinDVD™ (OEM Version), B's Recorder GOLD9 BASIC, B's CLiP 7, PC Diagnostic Utility	
Security Features	TPM (Trusted Platform Module – TCG V1.2 compliant) Password security (supervisor password, user password, hard disk lock) Integrated hardware security lock slot	
Dimensions (WxHxD)	355.7mm x 50.7–51.9mm x 286.8mm/14.0" x 2.0" x 11.3" (incl. carry handle)	
Weight	Approx. 3.4kg/7.5lb (including carrying handle)	
Integrated Options	Fingerprint Reader, Smart Card Reader, UMTS/HSDPA module	

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.

* Non-operating, 6 surfaces (tested at Panasonic laboratory; no guarantee that unit never gets broken)



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