

toughbook 19

Rugged, Lightweight, Wireless and Convertible

Panasonic recommends Windows Vista Business.

DURABILITY FEATURES

SOFTWARE

DISPLAY

AUDIO

EXPANSION SLOTS

INTERFACE

Designed using MIL-STD-810F test procedures Full magnesium alloy case with hand strap

Moisture- and dust-resistant LCD, keyboard and touchpad Sealed port and connector covers Shock-mounted removable hard drive in stainless steel case

Rugged, dust-resistant hinges

Vibration- , shock- and drop-resistant

Pre-installed replaceable screen film for touchscreen protection

Genuine Windows Vista Business (with XP downgrade option), Setup, Diagnostics, DMI Viewer, Online Reference Manual, Adobe Reader, Panasonic Handwriting (with signature capture on Tablet PC version), Software Keyboard, Display Rotation Tool, Hard Disk Data Erase Utility, Recovery DVD

• Intel Core™ 2 Duo Processor U7500

· 2MB L2 cache · Processor speed 1.06GHz

533MHz FSB

STORAGE & MEMORY 1024MB SDRAM (DDR2) standard, expandable to 4096MB*

· 80GB hard drive (shock-mounted and user-removable)

Touchscreen PC version: 10.4" 1024 x 768 (XGA) transmissive, 500 nit daylight-readable TFT active matrix color LCD
 Tablet PC version: 10.4" 1024 x 768 (XGA) transmissive,

Stophast PC Version: 10.4 x 7024 x 7024 x 1024 x 102

 Anti-glare, anti-reflective coating SigmaTel™ STAC9751 AC-97 v.2.2 Compliant Audio Codec

· Intel high definition audio compliant

Integrated speaker

Convenient keyboard volume and mute controls

• PC card type II x 1

Secure Digital (SDHC) card
 ExpressCard/54 x 1

KEYROARD & INPUT

82-key with dedicated Windows* key Pressure-sensitive touchpad with vertical scrolling support

Active digitizer or touchscreen LCD
Integrated stylus holder

 External video D-sub 15-pin Mini-jack stereo Headphones/speaker

Microphone/line in Port replicator Mini-jack Dedicated 100-pin D-sub 9-pin

• Ext. antenna conn. (x 2) 50 Ohm Coaxial USB 2.0 (x 2) IEEE 1394a (Firewire) 4-pin 4-pin RJ-45 10/100/1000 Ethernet 56K V.92 Modem RJ-11

WIRELESS Optional integrated mobile broadband (WWAN)

 Intel Wireless WiFi Link 4965AG 802.11a/b/g Bluetooth v.2.0 + EDR

Security
- Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
- Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES

· Slide on/off switch

POWER SUPPLY

Lithium ion battery pack (10.65V, 5700mAh)
Battery operation: 7 hours**
Battery charging time: 4.5 hours off, 7.5 hours on**
AC Adapter: AC 100V-240V 50/60Hz, Auto sensing/switching worldwide power supply

Suspend/Resume Function, Hibernation, Standby, ACPI BIOS

S ECURITY FEATURES Password Security: Supervisor, User, Hard Disk Lock

Cable lock slot

Trusted platform module (TPM) security chip v.1.2

Computrace theft protection agent in BIOS**
Fingerprint scanner (option)

SmartCard reader (option)

· 3-year limited warranty, parts and labor

1.9"(H) x 10.7"(W) x 8.5"(D) • 5.1 lbs.

INTEGRATED OPTIONS ****

POWER MANAGEMENT

DIMENSIONS & WEIGHT

• Mobile Broadband Solutions

– EV-DO Rev. A **HSDPA**

120GB hard drive

Global positioning system (GPS) receiver

Backlit keyboard

SmartCard reader

Fingerprint scanner
UL 1604 Class I, Division 2, Groups, A, B, C, D certified model

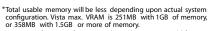


Notebook PC Convertible to Tablet PC Daylight-readable Display Full Magnesium Alloy Case with Hand Strap Shock-mounted, Removable Hard Drive Sealed All-weather Design Mobile Broadband- and GPS-ready Design

CF-AA1633AM

ACCESSORIES **** · AC Adapter (3-pin)

Battery Charger	CF-VCBTB1W
· CF-19 Tablet Large Stylus Pen (for Digitizer)	CF-VNP011U
CF-19 Tablet Stylus (for Digitizer)	CF-VNP010U
Touchscreen Replacement Stylus	CF-VNP003U
ToughMate ComUniversal Carrying Case	
(large capacity)	COMUNIV-P
ToughMate ComUniversal Jr.	
Carrying Case	COMUNIVJR-P
ToughMate Always-on 19 Case	FM19-P
ToughMate 19 "X" Hand Strap	FM19X-P
Desktop Port Replicator	CF-VEB181AU
External USB Combo Drive	
(DVD-ROM/CD-RW)	CF-VDRRT3U
External USB Floppy Drive	CF-VFDU03U
Lithium Ion Battery Pack	CF-VZSU48U
Memory Cards	
– 1GB	CF-WMBA601G
– 2GB	CF-WRBA602G
Vehicle Port Replicator	CF-WEB184AC
• 10.4" LCD Protector Film	
for Tablets	CF-VPF06U
• 10.4" LCD Protector Film	
for Touchscreen	CF-VPF08U



or 358MB with 1.5GB or more of memory.

**Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing results from MobileMark 2007.

****Requires software and activation to enable theft protection

**** Accessories and Integrated Options may vary depending on your notebook configuration.

Please consult your reseller or Panasonic representative before purchasing.

For more information, call 1.877.870.3806 or visit us on the Web at www.mruggedmobile.com

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