

DURABILITY

- 2.5' drop rating from 6 sides (1' from remaining sides)
- Corning® Gorilla® Glass 2
- Spill-resistant keyboard
- Optional hard drive heater²
- Magnesium alloy case with hand strap
- Rugged triple hinge design
- Shock-mounted flex-connect hard drive with quick-release
- Pre-installed replaceable screen film for display protection

SOFTWARE

- Genuine Windows® 8 Pro 64-bit (with Windows® 7 downgrade option)
- Panasonic Utilities (including Dashboard), Recovery Partition

CPU

- Intel® Core™ i5-3427U vPro™ Processor
 - 1.8GHz with Turbo Boost up to 2.8GHz
 - Intel Smart Cache 3MB

STORAGE & MEMORY

- 4-8GB SDRAM (DDR3-1333MHz)^{3,4}
- 500GB 7200rpm hard drive (shock-mounted flex-connect with quick-release)⁴
 - Optional 128GB and 256GB reinforced flex-connect SSD⁴

DISPLAY

- 12.5" HD 1366 x 768 LED backlighting
 - 5-point capacitive multi touch
- IPS display with direct bonding
- Anti-reflective and anti-glare screen treatments
- Ambient light, magnetic, gyro and acceleration sensors
- Automatic screen rotation
- Intel® QM77 video controller, max. 1664MB shared VRAM with Win 8 32-bit⁵
- Dual monitor support through HDMI and/or optional VGA

AUDIO

- Integrated microphone
- Intel® high-definition audio compliant
- Integrated speaker
- Keyboard volume and mute controls

KEYBOARD & INPUT

- Touch and gestures
- Stylus pen with integrated stylus holder

- 6 tablet buttons (2 user-definable)
- Dashboard
- 84-key with dedicated Windows® key
- Oversize electrostatic touchpad with multi touch support

CAMERAS

- 720p webcam with mic and camera on/off indicator
- Optional 3MP bottom camera with auto focus⁶

EXPANSION SLOTS

- ExpressCard/34
- SD card (SDXC)

INTERFACE

- Docking connector 100-pin
- HDMI Type A
- Optional VGA⁷ D-sub 15-pin
- Headphones/speaker Mini-jack stereo
- Microphone/line in Mini-jack stereo
- Optional serial⁷ D-sub 9-pin
- USB 3.0 (x 2), USB 2.0 (x1) 4-pin
- 10/100/1000 Ethernet RJ-45
- Optional 56K Modem⁷ RJ-11

WIRELESS

- Optional integrated 4G LTE mobile broadband
- Optional integrated 3G Gobi™3000 mobile broadband
- Optional NFC (Near Field Communications)⁶
- Intel® Centrino® Advanced-N 6235 802.11a/b/g/n
- Bluetooth® v4.0 + EDR (Class 1)
- 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

- Li-Ion battery pack with bridge battery
 - Standard battery: 10.8V, typical 6800mAh, minimum 6400mAh
 - Optional long life battery: 10.8V, typical 9300mAh, minimum 8700mAh
 - Optional lightweight battery: 10.8V, typical 3400mAh, minimum 3200mAh
- Battery operation⁸:
 - Standard battery: 11 hours
 - Optional long life battery: 15 hours

- Optional lightweight battery: 5 hours
- Bridge battery: 1 minute
- Battery charging time ⁸:
 - 2.5 hours off, 3 hours on (standard battery)
 - 3 hours off, 3.5 hours on (long life battery)
 - 2 hours off, 2.5 hours on (lightweight battery)
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply
- Battery status and bridge battery LED indicators

POWER MANAGEMENT

- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS

SECURITY FEATURES

- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace[®] theft protection agent in BIOS⁹
- Intel[®] Anti-Theft Technology
- Optional fingerprint reader
- Optional SmartCard reader^{6,10}

WARRANTY

- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT

- 8.4"(L) x 11.8"(W) x 1.0"/1.7"(H) front/rear
- 3.64 lbs. (optional lightweight battery)¹
- 3.99 lbs. (standard battery)
- 4.28 lbs. (optional long life battery)

INTEGRATED OPTIONS¹¹

- 4G LTE mobile broadband
- 3G Gobi™3000 mobile broadband
- Choice of 2D barcode reader (1D/2D capable)^{2,7} or Serial⁷ or VGA⁷ or modem⁷
- Choice of SmartCard^{6,10} or NFC⁶ or 3MP bottom camera⁶
- Fingerprint reader
- Optional hard drive heater²
- 128GB and 256GB solid state drives (SSD)

Please consult your reseller or Panasonic representative before purchasing.

1. Not including hand strap. Weight of hand strap is 1.2 oz.
2. Limited availability.

3. Total usable memory will be less depending upon actual system configuration.
4. 1GB = 1,000,000,000 bytes.
5. The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM. Windows 7 max. VRAM is 1696MB.
6. SmartCard reader, NFC and 3MP bottom camera are mutually exclusive.
7. Barcode reader, serial, VGA and modem ports are mutually exclusive.
8. Tentative battery life. Subject to change pending final testing. 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.
9. Requires software and activation to enable theft protection.
10. Half size on modles with ExpressCard. Full size on modles without ExpressCard. Accessories and Integrated Options may vary depending on your notebook configuration. Visit Panasonic website for more accessories and details.

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