

LATEST PANASONIC TOUGHBOOK CF-19 COMBINES IMPROVED PERFORMANCE WITH REDUCED POWER CONSUMPTION TO REMAIN MARKET-LEADING RUGGED CONVERTIBLE NOTEBOOK

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Panasonic and latest Intel Ivy Bridge technology combine to deliver a rugged convertible notebook designed for field mobile usage with improved CPU and graphic performance and a one-hour extended battery life

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The Panasonic Toughbook CF-19 has transformed the way professionals work in field utilities, emergency services, defence, transport maintenance and a huge range of field services by providing access to data and applications, wherever and whenever they need it. This latest device will mark a decade for the product line of market-leading rugged convertible notebooks, enabling customers to benefit from the latest design and technology enhancements whilst continuing to use the wide range of peripherals built around the range, such as docking stations and car mounts.

The new Toughbook CF-19 includes the 3rd generation Intel Core i5 Processor & Chipset. The high performance Intel® Core™ i5-3320 vPro™ (2.6GHz, up to 3.3GHz with Intel® Turbo Boost Technology) standard voltage processor with Intel® HD 4000 graphics, ensures the device is capable of handling the most intensive applications. To ensure reliability in the most challenging environments, the CF-19 remains unique in the market with its fan less design; instead using Panasonic energy optimisation and optimised heat pipes to cool the full performance, standard voltage CPU.

As well as the new CPU, the CF-19 is also equipped with a low voltage DDR3L RAM module, consuming less power for higher efficiency resulting in a longer battery life. Hard Disk Drive capacity has been raised from 320GB to 500GB with 128GB and 256GB SSD options available.

The best screen visibility just got better

With the new Panasonic ambient light sensor and Transflective Plus Technology, the CF-19 always ensures the screen delivers just the right level of brightness for optimum viewing whatever the conditions, inside or out. The features help to reduce power consumption and enhance battery life as no backlight is required in bright environments. This results in up to 6,500nit equivalent of transflective brightness under a 200K lx environment.

Latest Bluetooth® connection for mobile workers

The new Toughbook CF-19 also includes the latest Bluetooth® 4.0 Smart Ready technology to connect mobile workers faster and more efficiently. Bluetooth 4.0 (class 1) is fully compatible with Bluetooth® 2.1. Bluetooth® 4.0 Low Energy provides quick connection set-up and improved power consumption.

In addition, the Toughbook CF-19 comes equipped with a Super Speed USB 3.0 port as one of its 2 USB ports, enabling data transfer rates up to 10 times faster than Hi-Speed USB 2.0.

The Toughbook CF-19 also continues to offer an optional Ericsson F5521gw HSPA+ (DL: 21 Mbps) module with wireless ready connection manager. It includes a dedicated wireless switch allowing users to switch connections on and off to improve operating time. Available upon request, the device can also be switched into Anti-Theft-Protection mode by choosing the latest Intel® ATP technology.

For those workers requiring access to legacy devices, the CF-19 maintains a serial port and PC Card slot.

The power to last

The latest Panasonic and Intel technology enhancements enable the battery life of the Toughbook CF-19 to be extended by an hour, allowing mobile workers to work for up to 10 hours running on Windows® 7 without a recharge.

All units also use the Panasonic Power Management Utilities technology to maximize power efficiency by managing the power of all relevant resources required by the CPU depending on each task or by definition of individual user profiles.

Simple to use

The display rotation button allows the device to be converted from a traditional notebook to tablet design, using just one-hand.

The Toughbook CF-19 comes with resistive Touch Screen or Dual Touch option (resistive Touch Screen plus digitizer).

Increased management functionality

The included Management Dashboard for Panasonic PC is designed to simply and conveniently customize each Toughbook to the user's preferred settings, providing a user-friendly quick launch interface. The Dashboard also allows easy management of the device using helpful tools, such as the popular Panasonic Power Plan extension Utility and PC Information Viewer utility.

The CF-19 also comes with a Concealed Mode for use in mission critical environments. Using this feature, the Toughbook can go into "silent mode" by disabling the backlight, status LED's, speakers and communication (3G, W-LAN and Bluetooth®) as specified.

Better than ever reliability and durability

With magnesium alloy casing, inside and out, and Panasonic's anti-scratch coating, the CF-19 remains the toughest rugged notebook in its range. It is MIL-STD 810G drop tested and has water, dust, vibration and temperature protection giving it an impressive IP65, MIL STD 810G rating.

With an HDD damping and rugged casing systems to optimise drop protection and an HDD heater and

Panasonic's foam packing system to provide flexible seals, the CF-19 can operate in even the harshest conditions.

Compatibility that counts

To ensure existing customers can continue to use the peripheral equipment, the new CF-19 is compatible with almost all previous CF-19 car mounts* and other peripherals such as docking stations* and batteries in order to provide long term product lifecycle stability.

Backed by outstanding service

Every Toughbook comes with a 3-year warranty covering hardware failures for systems used as designed; with a 96-hour repair commitment and a 5-year spare parts guarantee.

Availability and pricing

The new CF-19 range is available from July 2012, starting at €2.950,- (STG 2.182,-) MSRP (excluding vat).

Photos of the CF-19 can be downloaded at:

<http://www.toughbook.eu/service-and-downloads/image-archive?directory=1CF-19>

* Limited Functionality

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About Panasonic System Communications Company Europe (PSCEU)

PSCEU is the European branch of Panasonic Systems Communications Company, the global B2B division of Panasonic. PSCEU's goal is to improve the working lives of business professionals and help their organizations efficiency and performance. We help organizations capture, compute and communicate all sorts of information: image, voice, and textual data. Products include PBX telephone switches, document printers, professional cameras, projectors, large visual displays and rugged mobile PCs. With around 500 staff, engineering design expertise, global project management capability and a large European partner network, PSCEU offers unrivalled capability in its markets.

The new PSCEU is made up of four business divisions:

- Communication Solutions including professional scanners, multifunctional printers, telephony systems and HD video conferencing systems.
- Visual System Solutions including projectors, interactive whiteboards, presentation aids and

displays. Panasonic

is the European market leader in projectors with 28% revenue share.

- Professional Camera Solutions including professional audio visual, security and integrated machine vision (IMV) technology. Panasonic is one of the top two professional camera vendors in Europe.
- Computer Product Solutions including the Toughbook range of rugged notebooks, Toughpad business tablets and electronic point of sales (EPOS) systems. Panasonic Toughbook is European rugged notebook market leader with 65% market share in 2011 (VDC, March 2012).

Panasonic Corporation is a worldwide leader in the development and manufacture of electronic products for a wide range of consumer, business, and industrial needs. Based in Osaka, Japan, the company recorded consolidated net sales of 7.85 trillion yen (€71.4 billion) for the year ended March 31, 2012. The company's shares are listed on the Tokyo, Osaka, Nagoya and New York (NYSE:PC) stock exchanges. For more information on the company and the Panasonic brand, visit the company's website at <http://panasonic.net/>