



TOUGHBOOK 55 MAKE IT YOURS

14" SEMI-RUGGED WINDOWS 10 PRO NOTEBOOK WITH USER CONFIGURABLE OPTIONS

TOUGHBOOK 55 with Windows 10 Pro, magnesium chassis, flexible configurations and universal bay is the most versatile 14" semi-rugged Toughbook ever built, but doesn't compromise on durability, with a unique 'honeycomb' design for improved strength and splash resistant design.

In terms of flexibility, the TOUGHBOOK 55 is equally outstanding. It offers a huge array of flexible self configuration options, making it easier to customise the device to suit multiple job roles and business needs as they change.

- Intel® Core™ i5-8365U vPro™ Processor
- Windows 10 Pro
- 14" HD (WXGA) or Full-HD Active Matrix Display, with optional capacitive Touch Screen (max 1,000cd/m² brightness touchscreen model)
- Lightweight and slim design (approx 2.08 kg to 2.22 kg depending on configuration, and 32.8mm)
- 8GB RAM (expandable up to 64GB max) and 256GB SSD
- 2x USB 3.1, 1x USB 3.1 type C PD, 1x HDMI, 1x LAN and micro SDCX
- Front and Rear Expansion Slot
- TOUGHBOOK Universal Bay

- Long battery life of up to 19 hours (MobileMark 2014)
- Dedicated Global Positioning and 4G LTE optional
- -29°C to +60°C operating temperature
- Robust honeycomb-style magnesium casing with carry handle
- IP53 Ingress Protection*
- Withstands drops from a height of 91cm*
- Shock and vibration protected for vehicle docking

* Designed for MIL-STD810H. Test by an independent third party lab following 2nd half of 2019



TOUGHBOOK

MAKE IT YOURS

Breaking the mould for semi-rugged notebooks, the TOUGHBOOK 55 is only around 32mm thin. Equipped with Windows 10 Pro and the new 8th-generation Intel® Core™ i5 vPro™ processor which delivers faster computing power, the TOUGHBOOK 55 sets a new benchmark.



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|-----------------------------|--|--|
| Mobile Computing Platform | Intel® Core™ i5-8365U vPro™ processor (1.6GHz up to 4.1GHz, 6MB Intel® Smart Cache) | |
| Operating System | Windows 10 Pro 64-bit | |
| RAM | 8GB RAM (max 64GB) | |
| Graphic Chip | Intel® UHD Graphics 620 (AMD Radeon Pro WX in TOUGHBOOK Universal Bay optional) | |
| Storage | 256GB SSD | |
| LCD | 14" Active Matrix (TFT) LCD 1366x768 (WXGA) or 1920x1080 (Full-HD), optional capacitive 10 finger Touch Screen | |
| Sound | WAVE and MIDI playback, Intel® High Definition Audio subsystem support | |
| Enhanced Voice Recognition* | 4 Microphones (included in Front Camera) | |
| LAN | IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T (2nd GLAN optional) | |
| Front Camera* | 2 MP with IR / privacy shutter, Windows Hello compliant (standard configuration on Full-HD models only) | |
| Bluetooth™ | 5.0 | |
| Wireless LAN | Intel® Dual Band Wireless-AC 9560 | |
| Mobile Broadband* | Optional 4G LTE, EM7430 | |
| Global Positioning* | u-blox NEO-M8N (supports GPS, GLONASS, Beidou, Galileo) | |
| Interfaces | USB 3.1 | x2 |
| | USB 3.1 type C PD | x1 |
| | Micro SDXC Memory Card | x1 |
| | HDMI | x1 |
| | Headset | x1 |
| | DC In | x1 |
| | Port Replicator | x1 |
| | Dual Path Through Connector* | x1 |
| TOUGHBOOK Universal Bay** | Discrete GPU (AMD Radeon Pro WX) | |
| | 2nd SSD (256 GB / 512 GB / 1 TB) and OPAL (256 GB / 512 GB / 1 TB) | |
| | Smart Card Reader | |
| | DVD Multi Drive | |
| Front Expansion Slot** | Blu Ray Drive | |
| | 2nd Battery | |
| | Fingerprint Reader | |
| | Contactless Smart Card Reader (HF-RFID) | |
| Rear Expansion Slot*** | Smart Card Reader | |
| | VGA + True Serial + 4th USB 3.1 (standard configuration on Full-HD models only) | |
| | VGA + True Serial + 2nd native GLAN | |
| | VGA + True Serial + Rugged USB 2.0 | |
| Optional Accessories* | Backlit Keyboard, 8 GB / 16 GB RAM | |
| Power | AC Adapter | Input: 100V - 240V AC, 50Hz/ 60Hz, Output: 15.6V DC, 7.05A |
| | Battery | Lithium-Ion 10.8V, 6500mAh (typ.), 6300mAh (min.) |
| | Battery Life | Approx. 19 hours (Mobile Mark™ 2014) |
| | | Approx. 38 hours with 2nd battery (Mobile Mark™ 2014) |
| | Power Management | Standby function, ACPI BIOS |
| | Hot Swap* | With 2nd Battery |
| Dimensions (WxHxD) | 345mm x 272mm x 32.8mm | |
| Weight | Approx 2.08 kg to 2.22 kg depending on configuration | |
| Testing Standards*** | Drop Resistance | 91cm |
| | Dust Resistance | IP5x |
| | Water Resistance | IPx3 |
| | Operating Temperature | -29°C to + 60°C |
| Included in the box | Power supply, power cord, capacitive pen, display cleaning cloth and user manual | |

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* Optional, ** Exclusive option, pre configured or accessory, *** Exclusive option, pre configured ****Designed for MIL-STD810H. Test by an independent third party lab following 2nd half of 2019.

Active Matrix colour display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels as an artefact of the manufacturing process (effective pixels: minimum 99.998%). RAM capacity calculated as follows: 1MB = 1,048,576 bytes. Capacity calculated as follows: 1GB = 1,000,000,000 bytes. Toughbook is a brand name and registered trademark of Panasonic Corporation. Acrobat® is a registered trademark of Adobe® Systems Incorporated. Intel, the Intel logo, Intel Core, Intel vPro, Core Inside and vPro Inside are trademarks of Intel Corporation in the U.S. and other countries. Microsoft® and Windows® are registered 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.

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