



# TOUGHPAD 4K UT-MB5

## 20" 4K ULTRA HIGH RESOLUTION DISPLAY, BUSINESS RUGGED WINDOWS 8.1 PRO TABLET WITH NVIDIA GRAPHICS AND ELECTRONIC TOUCH PEN\*

The TOUGHPAD 4K UT-MB5 with Windows 8.1 Pro is the world's first 20" tablet with 4K resolution display designed for photographers, architects, marketers and sales people. Perfect for displaying large A3 images in great detail, the portable business rugged tablet comes with a unique new Panasonic Electronic Touch Pen\*.

The Panasonic Electronic Touch Pen\* is super intuitive and provides paper-like feel for freehand sketching, annotation or handwriting. The pen is so accurate to recognise every individual pixel on the screen and can interpret 2048 levels of pressure, ensuring drawing or handwriting is reflected perfectly to the smallest detail.

- Intel® Core™ i5-3437U vPro™ 1.9 GHz Processor
- Windows 8.1 Pro
- NVIDIA® GeForce® 745M Graphics
- 4K (3840 X 2560) Ultra high resolution, 230ppi and 15:10 aspect ratio
- 20" IPSα multi touch display with up to 10 finger recognition
- Panasonic Electronic Touch Pen\* for super natural hand writing
- 4 or 8 GB RAM and 256 GB SSD
- Business rugged tablet at 2.35 kg and 12.5 mm thickness
- Built-in USB 3.0 port, SDXC card slot, Headphone Jack and Docking connector
- Optional Smart Card Reader
- Optional cradle with 1x LAN, 1x HDMI and 3x USB 3.0
- Bluetooth 4.0 and WiFi for wireless connectivity
- HD Front camera
- 3 year warranty as standard

\* Optional



Panasonic recommends Windows 8 Pro.



## IMAGINATION BECOMES REALITY

### FOR PHOTOGRAPHERS, ARCHITECTS, MARKETERS AND SALES PEOPLE

The TOUGHPAD 4K UT-MB5 is a business rugged, portable tablet that breaks new ground in digital viewing with 4k resolution and collaborative working with touchscreen capabilities and a unique Panasonic Electronic Touch Pen\* for pin-point accuracy.

The ideal image and multimedia device contains a powerful Windows 8.1 Pro OS, Intel® Core™ i5 vPro™ CPU, NVIDIA® GeForce® graphics, and 4 or 8 GB RAM.



Mobile Computing Platform	Intel® Core™ i5-3437U vPro™ processor (1.9GHz, 3MB Intel® Smart Cache, Mobile Intel® QM77 Express Chip set)
Operating System	Windows 8.1 Pro
RAM	4 GB DDR3 SDRAM (max. 8GB)
Graphic Chip	NVIDIA® GeForce® 745M Graphics (2GB dedicated VRAM)
Front camera	HD: 1280 x 720 pixels, 30 fps
Storage	256 GB Solid State Drive
LCD	4K (3840 x 2560 pixels) Ultra high resolution, 230 ppi 20" IPSα display with 15:10 aspect ratio
Touchscreen	10 finger capacitive multi-touchscreen + Electronic Touch Pen*
Bluetooth®	Version 4.0 + EDR Class 1
WLAN	Intel® Centrino® Advanced-N 6235 802.11a/b/g/n
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, Microphone arrays (built-in)
Interface	USB 3.0: x1 Headphone: x1 Port Replicator connector: x1 (24 Pin) LAN Connector (100BASE-TX): x1 (via Cradle*) HDMI: x1 (via Cradle*) Additional USB 3.0: x3 (via Cradle*)
Expansion slots	SDXC Memory card slot: x1 (max 64 GB)
Power	AC Adapter: Input: 100V - 240V AC, 50Hz/60Hz, Output: 15.6V DC, 7.05A Battery: Built-in Li-Ion 11.1V, 3180mAh Battery operating Time: 2 hours (MobileMark™ 2007, 60cd/m²)
Security Features	TPM (Trusted Platform Module, TCG V1.2 compliant), Integrated hardware security lock hole, Password security (supervisor password, user password, HDD lock)
Sensor	Ambient light sensor, Magnetic Sensor, Gyro sensor, Acceleration sensor
Physical Dimensions (W x D x H)	475 mm x 334 mm x 12.5 mm {18.7"x13.1"x0.49"}
Weight	Approx. 2.35 kg {Approx. 5.18 lbs}
Electronic Touch Pen*	Position accuracy: 0.1mm Pressure sensor: Linear 11bit (2048 steps) Function button: x2 Interface with tablet: via Bluetooth Battery Charging Time: 2 hours Battery operating time: 3.5 hours Size: 16.9 mm x 167 mm {0.67" x 6.56"} Weight: Approx. 33g {0.07 lbs}
Options	Smart Card Reader
Accessories	Carry bag: PCPE-INF4K01 Desktop Cradle: UT-VEB5000WU Mounting adapter plate (for VESA arm): UT-VEB5005WU Electronic Touch Pen: UT-VNP5000WU AC Adapter: CF-AA5713AE/G/T LCD cleaning towel: CF-VNC001W (MOQ 10 pcs)
Testing Standards	Gravity drop resistance test: 76cm (bottom/operating)**, 30cm (26 angles/non-operating)**

\* Optional

\*\* Tested at Panasonic factory

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