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If you buy an extra battery, the total time to use the device will reach 27 hours, surplus for an entire working day outdoors. The entire body of the Toughbook 31 is made of magnesium alloy, but it also has a 13.1 "touch screen that supports good viewing in the sun (*but resolution is only 1024x768*), Wi-Fi connection ac, keyboard backlight option, RAM from 4GB to 16GB, multiple HDD and SSD options. The product price starts at \$ 3700.

Panasonic Toughbook 31 basic configuration:

1. Screen: 13.1 "1024x768 resolution
 2. CPU: Intel Core i5-5300U
 3. GPU: Intel HD Graphics 5500
 4. RAM: from 4GB to 16GB
 5. Battery: 18 hours, can be expanded to 27 hours with an extra battery
 6. Operating system: Windows 7 or Windows 8
 7. Special Features:
 1. High durability, still running when dropped from a height of 1.8m
 2. MIL-STD-810G military dust-proof waterproof
 3. Magnesium alloy case, with cover for connection ports
 4. HDD can quickly remove the device and have a separate fan to use when it is cold
1. Connection: Bluetooth 4.0, Wi-Fi a / b / g / n / ac, USB 2.0, USB 3.0, Ethernet, HDMI, VGA, .
 2. Internal memory / Memory card: SSD or HDD

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