

SM-PC858 Rugged Notebook Specification



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SM-PC858 Ruggedized Notebook PC. Ruggedized IP54 notebook meets MIL-STD-810F for heavy duty applications in harsh environmental conditions. The SM-868 Ruggedized is a fanless design with Intel Core 2 Due Merom 1.06 GHz processor, 13.3" wide XGA (1280x800) TFT with resistive touch screen, 1 GB RAM (4 GB optional), 120GB-160GB shock mounted HDD, built-in WiFi 802.11 a/b/g, Class II Bluetooth 2.1, GPS receiver, and module for fingerprint recognition.



SM-PC858 Rugged Notebook PC Specifications

- **Dimension/Weight:** 334 x 253 x 58mm/ 3.8 Kg
- **Display:** Fanless design.13.3" wide XGA (1280x800) TFT with convertible resistive touch screen
- **Display Option:** Sunlight readable display with enhanced brightness

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- ▶ **CRT Display:** Up to QXGA 2048 x 1536
- ▶ **Processor:** Intel Core 2 Due Merom 1.06 GHz CPU Intel 965 GM Integrated Graphics
- ▶ **Memory:** 1 ~ 4 GB
- ▶ **HDD:** 120GB-160GB shock mounted HDD; Optional 32 GB SSD
- ▶ **OS:** Windows XP Tablet PC Edition/ Windows Vista Business
- ▶ **Hot Keys:** SAS Key, RF Switch, Screen Rotate Key, Virtual Keyboard, Brightness
- ▶ **Connectivity:** Build-in GPS receiver, WiFi 802.11 a/b/g (Mini PCI-e); Bluetooth 2.0 Class I + EDR
LAN10/100 Base-T on Docking Station. Optional WWAN: HSDPA/GPRS/GSM/WCDMA
- ▶ **Audio:** HD Audio. Built-in Speaker x 2 (Total Max: 3W) Array Microphone x 2
- ▶ **I/O Ports:** 1 x LAN RJ45, 1 x VGA/D-sub 15 pin for external monitor, 3 x USB 2.0 A Ports, 1 x Earphone out, 1 x Microphone in
1 x DC in, 1 x SIM Card (Optional), 1 x Microphone, 1 x PC Card Slot, 1 x SD Card Reader, 1 x Docking Connector, 1 x RS 232,
1 x RS-11
- ▶ **Expansion Slots:** 1 PCMCIA 2.1 supports Type I/II, 1 x SD
- ▶ **Optical Device:** Hot swappable super multi DVD
- ▶ **Security (Optional):** TPM 1.2, Fingerprint Sensor, BIOS Setup, Power On, HDD, User Password, Kensington Lock
- ▶ **Power:** AC/DC adapter: AC power input: 100V-240V, 50Hz-60Hz, 60W, Output: 19V DC, 4.7A, 90W
- ▶ **Keyboard:** 87 key waterproof
- ▶ **Battery:** 9 cells (7800mAh) Li-ion Battery ~ 38 W/Hrs, 6 hrs run down life, hot swappable, Charging time 2.5 hrs to 80%
- ▶ **Operation Temperature:** -20C to +50C
- ▶ **Storage Temperature:** -40C to +70C
- ▶ **Ruggedization:**
 - *Dust and Waterproof: IP54, Compliant IEC529, MIL-STD 810F
 - *Drop: Meets MIL-STD 810F, 516.5 26 times 4 feet onto wood
 - *Vibration: MIL-STD 810F-514.5; procedure I Cat.24, Fig. 514.5C-17
- ▶ **Agency/EMI:** CE, FCC, TUV, UL, CB

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