

SM-PC688 Rugged Tablet PC Specification



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SM-PC688 10.4" Ruggedized Tablet PC. Magnesium enclosure with IP54 rugged design for protection against shock, vibration, dust, dirt, heat and humidity. Mid-sized, lightweight and ergonomic, the SM-PC688 Rugged Tablet PC is enabled for EDGE/GPRS, 802.11 a/b/g, Class II Bluetooth and GPS applications with RS232 port for industrial device connection.

SM-PC688 Rugged PC Specifications

- **Housing:** Compact A4 size Magnesium-Alloy Housing with Bumper
- **Display:** Toshiba 10.4" XGA (1024x768) TFT with Resistive Touch Screen
- **Display Option:** Outdoor sunlight readable display
- **Display Option:** Dual mode -Resistive & Digitizer Touch Panel
- **Processor:** Intel Mobile Pentium Ultra Low Voltage 1.1-1.2 GHz Processor FSB 400MHz / uFCBGA / Intel Alviso 915GM / 2M Standard
- **Memory:** Onboard 256MB SDRAM with extra Industrial grade 512MB DDR II 400
Optional 1024MB module, up to 1280MB SDRAM
- **HDD:** ShockProof mounted Hitachi 40GB and optional 80GB
- **OS:** Windows XP Tablet PC SP2 Edition
- **Wifi:** Build-in WiFi 802.11 a/b/g; Bluetooth Class II
- **Rugged:** Meets IP54 standard and MIL-STD-810F
- **Audio:** PCI Audio with AC-97 Compliance, internal microphone and speaker
- **Communications:** Internal 56K V.92 Fax/Modem; Internal Giga bit Ethernet LAN

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- **I/O Port:** 2 x USB 2.0 port; 1 x RS-232 port; DC-In jack 2 x Audio in/out for microphone/earphone;
- RJ-11 jack for 56kbps V.92/K56 fax modem; RJ-45 jack for 10/100/1000 LAN; Multi-IO port (contact pin with USB/RS232/Power signal);
- One reset button; One wireless LAN/Bluetooth switch
- **Expansion Slots:** 1 x PCMCIA Type II slot; 1 x CF Type II slot
- **Hot Keys:** One five way control key and four button key, total 9 programmable
- **Power:** AC/DC adapter: AC power input: 100V-240V, 50Hz-60Hz, 60W, Output: 20V
- **Battery:** Standard: 9 cells (7000mAh, 11.1V) Li-ion Battery ~ 7hours battery life Optional: 6 cells (3600mAh, 11.1V) Li-ion Battery ~ 3.5hours
- **Ruggedization:**
 - *Drop: MIL-STD-810F-516.5 Procedure IV; 26 drops of 36 inches to plywood over concrete with unit off
 - *Water proof: MIL-STD 810F-506.4 Procedure IV, IPX4; rain chamber to operate at no less than 40 PSIG and no less than 4 in/hr. 10 min per axis, 6 axes unit is non-operating
 - *Dust Proof: IEC 60529 IP-5X Standard; protected against dust limited ingress (no harmful deposit)
 - *Vibration: MIL-STD 810F-514.5; procedure I Cat.24, Fig. 514.5C-17 & 514.5C-18 (unit is non-operating). ASTM 4169-66 Truck Assurance Level II, Schedule E (unit is operating)
- **Weight/Dimension:** Net 2.2 Kgs 284x 209 x 63 mm with 4 bumper and battery Gross 3.5Kgs, 395x 198x325 mm in packed carton
- **Approvals:** FCC, CE, TUV, UL
- **Operation Temperature:** -20C to +60C
- **Storage Temperature:** -55C to +75C



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