



Mission Computer Unit

Ruggit MCU Mini A 01

Ruggit MCU Mini A 01 is an ergonomic (small and light), fully-rugged Tablet PC designed to meet demands of military applications. The Ruggit MCU Mini A 01 will typically be used outdoors as well as docked in a vehicle. Our company developed a versatile docking station witch allows to be fixed on a table, on a wall or on the ceiling.

Highlights

- Dimension: 225x145x40.8 mm
- 7" WSVGA (1024X600) LCD with resistive touch panel, hight brightness LCD with sunlight
- RAM: 2GB DDR III 1600 . Maxim 2GB
- HDD: mSATA SSD 64/128 GB
- OS: Windows 7, 32 bit version
- Meets IP 65 and MIL-STD-810G
- Military connectors
- Wide temperature range operation (-20°C ~ +55°C)



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Specifications

- **Dimension and Weight** 225x145x40.8 mm / about 1.3 KG;
- **Processor** Intel Cedar Trail Platform
 - Atom N2600 1.6GHz with 512KBx2 L2 Cache
 - Atom N2800 1.86GHz with 512KBx2 L2 Cache
- **Memory** 2GB One 204-pin SODIMM sockets each for DDRIII 1600;
- **Storage** mSATA SSD 64/128 GB;
- **Display** 7" WSVGA (1024X600) LCD with resistive touch panel, hight brightness LCD with sunlight and optional Pixel Qi 7" Transflective LCD with
- **Audio** HD with one speaker and analog Mic. Array (Microphones x 2);
- **Expansion Slots** SD card slot x1;
- **Communications** internal 10/100/1000M bit Ethernet LAN and Intel WiFi 6235 module that supports 802.11 a/b//g/n and Bluetooth;
- **I/O Ports** DC-inx1, Option A: USBx1, RS-232x1, RJ 45x1 or Option B: USBx2, RS-232x1,internal USBx1;Docking connector, RF connectors for external GPS antennas, 5pin USB interface connector besides the SD card slot;
- **Military connectors**
- **Keypad** power, barcode reader capture, camera/capture, stealth, security, tab, quick menu, num lock, programmable1, programmable2, enter, direction, Bluetooth , screen rotation;
- **Power System** AC/DC adapter:AC power input: 100V-240V, 50Hz-60Hz, 65W; output: 19V;
- **Battery:** two 4 cells battery pack(5200mAh, 38,48W) is 8~12hr;
- **Environment Resistance** dust and waterproof: IP 65;
- Drop Test 26 drops with 5 feet hight to 2" plywood over concrete with unit on
- MIL-STD-810G 514.6 Procedure I
- **Temperature Operating:** -20°C ~ +55°C ; Storage: -51°C~71°C; Humidity: 5%~95%

CUSTOMIZABLE



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