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## MIL 6600 Ruggedized MIL-Rated Tablet PC



### Features

- 10.4" Intel Pentium M 1.1GHz Rugged Tablet PC with Resistive Touch Screen
- Mil-Std-810F Anti-Shock & Vibration
- Rain & Dust Resistant (IP68 Compliant)
- Wide Temp. (-40 ~ 60°C) Operation
- Multi-Connectivity (Optional WLAN, and/or Bluetooth)
- Multi-Expansion (Built-in PCMCIA, CompactFlash, and Mini PCI Socket)
- AC (Default) or DC (9-36V or 48V) Power Input
- 4 or 8 x RS-422 Ports Expansion (Optional)
- High Brightness 1,000 cd/m<sup>2</sup> Sunlight Readable LCD Panel (Optional)

### System

- CPU** Intel Pentium M LV 1.1GHz (FSB400MHz) CPU soldered  
**Cache** 1MB L2 cache built-in Pentium M 1.1GHz CPU  
**Memory** 256MB DDR RAM soldered + 200-pin DDR DIMM socket (up to 1GB), upgradable up to 1.25GB totally  
**Chipset** Intel 915GM + ICH6M  
**Audio Controller** ALC202A AC97 Codec  
**Ethernet** 1 x Realtek RTL8100 10/100 base-T Fast LAN  
**Flash Disk** 1 x 1.8" IDE 4GB flash disk built-in (Optional to 16GB)

### I/O

- I/O Ports**  
Through MCK-100: 2 x COM (RS-232C) ports, 1 x VGA (DB-15) port, 1 x Audio (Speaker-out), 1 x MIC-in, 1 x LAN (Female RJ-45) port, 2 x USB 2.0 ports  
**I/O Connector** 1 x D38999/26WE35PN (55-pin) Mil-Std I/O connector  
**I/O Dust Cover** Mil-Std D38999/33W17R  
**Expansion Bus** 1) 1 x PCMCIA Card-Bus (Type III) socket  
2) 1 x Mini PCI socket  
3) 1 x CompactFlash socket  
**Function Key** 12 x Function Keys (8 x Programmable, F1~ F8)

### LCD Display

- Size/Type** 10.4" TFT LCD  
**Max. Resolution** 1024 x 768, XGA  
**Pixel Pitch (mm)** 0.264(H) x 0.264(V)  
**Contrast Ratio** 600 : 1  
**Max. Colors** 266,144 colors  
**Luminance** 400 cd/m<sup>2</sup> (Optional to 1,000 cd/m<sup>2</sup>)  
**Viewing Angle**  
(CR $\geq$ 10) 80°~80° (H); 65°~65° (V)  
**Backlight MTBF** 50,000 hours (20 ~ 35°C)

### Touch Screen

- Type** Analog Resistive (4-wire)  
**Light Transmission** 80%  
**Controller Interface** USB Interface

### Power Adapter

- AC Input** 100 ~ 240V 1.7A, 50 ~ 60Hz  
**DC Output** 65W (Max.), DC 20V@3.25A  
**Adapter Connector** Mil-Std D38999 (MS3112E 8-4P)  
**Battery** 4-cells Li-battery pack built-in, 3900mAh, 3 hrs battery life

### Mechanical & Environmental

- Operating Temp.** -40°C to 60°C (-40°F to 140°F)  
**Storage Temp.** -40°C to 70°C (-40°F to 158°F)  
**Dimensions (W x D x H)** 340.3 x 50.75 x 225 mm (13.4" x 2" x 8.9")  
**Weight (Net)** 3.5kg with battery (7.7lb)  
**IP Rating** IP-68 Rain & Dust Resistant  
**Shock** 40G (11ms, 3 shocks/direction, 6 directions)  
**Vibration** 6G (20 ~ 2000Hz, 3 times direction, 3 axes) (Mil-Std-810F, Method 514.4, Procedure 1 Mil-Std-810F, Method 514.4 & 512.2, Procedure 1)  
**Case Material** 6061-T6 Aluminum Alloy  
**Case Finish** Hard Anodizing per Mil-A-8625D

### Ordering Information

- MIL-6600**  
10.4" Intel Pentium M 1.1GHz rugged Tablet PC, 256MB DDR RAM, 1.8" IDE 4GB flash disk, 60W AC-DC power adapter, resistive touch screen and carry bag  
**UMK-6600** MIL-6600 universal mounting kit  
**MCK-6600**  
MIL-6600 Mil-Std I/O cable kit, including 2 x COM (RS-232C) ports, 1 x VGA (DB-15) port, 1 x Audio (Speaker-out), 1 x MIC-in, 1 x LAN (Female RJ-45) port, 2 x USB 2.0 ports  
**D38999/26WE35PN** MIL-6600 MIL-STD 55-pin connector  
**D38999/MS3116F-8-4S (D-D)**  
MIL-6600 DC-DC 60W power adapter (DC9-36V input)