

## 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>=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)