



DT Research

Vehicle/ Fixed-Mount Tablet A Rugged Tablet for Harsh Industrial Environments

The DT520 rugged tablet features a 12.1" TFT-LCD display and is designed for reliable computing in harsh industrial environments. Compliant with MIL-STD-810F shock and vibration protection, as well as offering IP65 water and dust proof protection, the DT520 is well-positioned for numerous industrial applications. The fanless design and uninterruptible power supply (UPS) provide the highest reliability and durability. The DT520 also provides flexibility with extendable hard disk drive, and network connectivity.

• Features

- 12.1" TFT-LCD touch screen
- Highly durable for shock and vibration protection
- Sealed, water and dust proof; IP65 rated
- Fanless, reliable operation
- Uninterruptible Power Supply (UPS) option to protect from unstable power sources
- Full-featured ACPI power management: Stand-by, Suspend-to-Disk, and Suspend-to-RAM
- VESA-compliant; wall, ceiling, vehicle mountable

• Applications

The DT520 Vehicle/ Fixed-Mount Tablet is ideal for the following environments:

- **Emergency Services**
- **Control/ Monitoring**
- **Manufacturing**
- **Marine/ Boating**
- **Logistics/ Transportation**









• Specifications

System		Mechanical and Environmental	
CPU	AMD Mobile Sempron™, 1GHz	AC/ DC Adapter	Input: 100 – 240V AC, 50/60 Hz Output: 18.5V, 3.5A
RAM	2GB	DC/ DC	Input: 12 – 24V DC
Storage	4GB, 32GB or 64GB Flash	Enclosure	Magnesium-aluminum alloy
Operating System	Windows® XP Embedded or Windows® XP Pro for Embedded Systems	Dimensions (H x W x D)	9.45 x 12.2 x 1.57 in/ 240 x 310 x 40 mm
Display	12.1" TFT-LCD with resistive touch; outdoor-viewable option	Weight	(with UPS battery) 6.6 lbs/ 3 kg (without UPS battery) 5.5 lbs/ 2.5 kg
Display Resolution	1024 x 768 (XGA)	Vibration	MIL-STD-810F 514.5C-1, U.S. highway truck vibration exposures
Network Interface	Ethernet 10/ 100/ 1000MB Base-T LAN; 802.11a/b/g WLAN	Shock	MIL-STD-810F 516.5, operating 40G (11ms)
Control Buttons	1 mechanical switch power button, 1 power button, 9 programmable buttons	Dust and Water Proof	IP65
Speaker	Built-in speaker	Regulatory	FCC Class B, CE, C-Tick, RoHS compliant
Input/Output Ports	1 COM port, 1 Mic-in, 1 Headphone-out, 4 USB (2.0), 1 Ethernet RJ45, 2 DC-in (AC-DC/ DC-DC)	Temperature	Operation: 0°C – 50°C; Storage: -20°C – 60°C
		Humidity	5% – 95% non-condensing

* Specifications subject to change without notice.

• Optional Accessories

UPS Battery Pack		Mini-USB Keyboard with Hub	
	<ul style="list-style-type: none"> Backup battery for uninterruptible power supply Continuous operation in case of power failure 		<ul style="list-style-type: none"> 88 keys in a compact size PS/2 and USB compatible
Waterproof Keyboard		Keyboard Tray	
	<ul style="list-style-type: none"> 88 keys in a compact size Advanced laser process ensures durable legends Wipeable design for easy cleaning Dimmable backlighting 		<ul style="list-style-type: none"> Mounting tray for attaching the waterproof keyboard to the WebDT 520 Metal enclosure VESA-compliant 100 x 100
U Bracket		DC Power Cable	
	<ul style="list-style-type: none"> Serve as desktop stand or ceiling mount Metal enclosure 3 drilled holes for ceiling or frame mounting Arm length: 12-1/2" 		<ul style="list-style-type: none"> Waterproof; IP67 rated Connector: Nylon + GF Pin: Copper alloy, gold plated Length: 20'

• Lower I/O Ports

