

MTC 6



Rugged, X86-based Vehicle Mount Terminal Family

- Variants: 10.4" SVGA, 12.1" XGA, 15" XGA
- Two processor architectures for choice
- Fully rugged, IP 67 for the complete system
- Advantech-DLoG-specific resistive touch screen
- WLAN with integrated diversity antenna (optional)
- Advantech-DLoG Voice Kit (microphone/speaker, optional)
- Extreme temperature range
- Optimum protection against shock and vibration

Introduction

The MTC 6 is a rugged vehicle mount terminal that increases efficiency in logistics – in the distribution center, port, warehouse, and even in the deep-freeze area. The integrated Advantech-DLoG antenna solution enables WLAN diversity in excellence and hence improves reliable data transmission even under complex receive and transmit conditions. Therefore the Advantech-DLoG terminals are a choice for the logistics industry.

Specifications

System	CPU	Intel Atom® Z510 1.1 GHz, AMD G-T40R 1.0 GHz for choice
	Memory	1 GB RAM with Intel CPU, 2 GB RAM with AMD CPU
	Storage	Starting at 4 GB Flash media
Housing		Coated aluminium, fanless design
Dimensions/Weight (without antenna)	MTC 6/10	285 x 229 x 78 mm, 3 kg / 11.2 x 9.0 x 3.1 in, 6.6 lbs
	MTC 6/12	325 x 258 x 79 mm, 3.5 kg / 12.8 x 10.1 x 3.1 in, 7.7 lbs
	MTC 6/15	388 x 305 x 82 mm, 4.9 kg / 15.3 x 12.0 x 3.2 in, 10.9 lbs
Display	MTC 6/10	10.4" LED, SVGA 800 x 600
	MTC 6/12	12.1" LED, XGA 1024 x 768
	MTC 6/15	15" LED, XGA 1024 x 768
Front Keys		8 soft keys (incl. 4 configurable function keys)
Touch Screen		Advantech-DLoG-specific resistive Touch Screen
Software	Operating Systems	MS® Windows® XP Professional, XP Embedded, WES 7, Linux WIN 7 Professional (AMD G-T40R + 2 GB RAM required)
	Emulations	VT100, VT220, IBM 5250, TN 3270, Citrix ICA Client®, RDP Client
Communication	WLAN	IEEE 802.11 a/b/g/n with diversity antenna, optional
	LAN	RJ45 10/100/1000 Mbps
Interfaces	Serial	1 x RS-232, COM 1 optional 5 V
	USB	2 x USB
		1 x Service USB
Audio		Speaker integrated
Voice	Advantech-DLoG Voice Kit	Speaker and microphone via handset, optional
Power Supply	DC	12/24 VDC or 24/48 VDC, galvanically isolated
		Voltage sags up to 5 VDC can be handled for up to 20 sec
Environmental	IP protection class	IP 67 and IP 66 (contains IP 65 and IP 54)
	Certifications	CE/FCC Class B
		CCC China, BSMI / NCC Taiwan with Intel CPU
		TELEC Japan with Intel CPU
	Operating temperature	-30 to +50 °C / -22 to 122 °F
	Relative humidity	10 to 90% at 40 °C, non condensing
	Shock/Vibration	Class 5M3 according DIN EN 60721-3-5 MIL-STD 810F (US Highway Truck)

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