

DMT750



The DMT750 is an affordable, yet powerful solution for an on-board colour touchscreen data terminal.

The DMT750 is built around a robust embedded ARM Cortex M4 microcontroller, supported by the FTDI Chip FT800 Embedded Video Engine.

Both the enclosure and electronic components of the DMT750 have been designed to withstand extreme temperature ranges, humidity and shocks.

For user ergonomics, the DMT750 is equipped with a high-resolution graphic TFT display.

Key features

- Support for Linux operating system
- FT800 Sound engine with 3W amplifier and internal speaker
- 4.3" 480x272 graphic TFT display
- Compact dimensions to ease installation



Specifications DMT750

Mechanical

Dimensions	Millimetres	Inches
Enclosure:	122 L x 85 W x 22 H	4.80 L x 3.35 W x 0.87 H
Weight	Grams	Lbs
Enclosure:	210	0.46

Environmental

Temperature	Celsius	Fahrenheit
Operating temperature:	-20 °C to +70 °C	-4 °F to +158 °F
Storage temperature:	-30 °C to +80 °C	-22 °F to +176 °F
Humidity		
Operating humidity:	< 75% RH	
Storage humidity:	< 93% RH	

Electronic

Intelligence:	NXP ARM Cortex M4 CPU
Memory:	192KB SRAM 1MB Flash
Interface types:	2 Optical isolated digital inputs 2 Optical isolated digital outputs 1 RS232 1 USB OTG
Display:	4.3" Colour graphic TFT display 480x272 pixels Software controlled LED backlight
Keyboard:	Capacitive touchscreen
Audio:	FT800 Sound engine with 3 Watt amplifier and internal speaker
Power supply:	Switched mode power supply Wide input voltage (10-36V)