

Mil M24T Serial

Three-monitor high-performance portable solution
designed for field and removable applications



Uncompromised View and Portability

Compare to M17T, M24T serial offer a more large display and more expand capabilities, they could be installed extend ATX motherboard, 8~20 hard drive, up to 7 full-length add on cards. It is designed a powerful removable system for field applications. Put it at the heart of your high-performance portable computer solutions.

This portable computer chassis allows you to combine the latest in high-performance motherboards and add-in special function boards with a large display into a system that is compact and extremely rugged. It offers a cost effective solution to performance demanding portable computing applications.

The Mil-M24 is able to house a maximum of seven expansion cards (motherboard dependent) along with 6x 3.5" removable drive bay, 1x slim DVD bay and 2x 3.5" internal hard disk drives, optional 16x 2.5" removable hard disk drives, offering expansion capability unmatched by any other portable system.

Applications:

The Military standard Rugged Portable M24T serial at the ideal solution for applications such as remote flight control and simulation, on-site HD video editing and broadcasting, network/communications testing, field data acquisition, remote field service, exploration, factory monitoring/automation, new technology demonstration, and much more.

LCD Screens

Mil-M24T has three 24" widescreen LCDs built in it to provide you with large display area with crystal clear details. The screens fold nicely into the reinforced enclosure providing unsurpassed portability and durability no matter where you are.

Card Retention System

M24T has a double card retention system that holds individual add-on cards securely at two points with an adjustable pressure mechanism ensuring that half and full-length cards are secure during transportation.

Power Supply

Previous models of our trans-portable computers required special custom shape power supplies. With the Mil-M24, any standard desktop power supply is compatible so you have the freedom to choose the right power supply to meet your specific needs.

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Technical Specifications

Chassis		Aluminum
Platform		Ext. ATX
Total Slots		7
Full Length Slots		7
Drive Bays	5.25"	–
	3.5"	2
	2.5"	Optional 4
	Removable	6 x 3.5"
	Slim FDD	–
	Slim Optical	1
Power Supply		PS2 300W – 1000W (optional)
Fan(s)		5x 12 cm
Keyboard/Mouse		Optional
		Optional Waterproof 108 Keys
Audio		2 x 2.5W speaker with amplifier
Dimension (mm)		594.8 W x 430.2 H x 280.1 D
Weight		28.8 kg

Screen Specifications

Model	M24T HD	M24TWU	M24T 4K
Display Size	23.6"	24.1"	23.8"
Resolution	1920 x 1080	1920x 1200	3840x 2160
Brightness	300 cd/m²		
Contrast	1000:1		
Response	3.5 ms	14ms	
Input	DVI/HDMI/Display port		
Light Source	LED		

Environmental Specifications

	Operating	Storage
Temperature	0 to 50°C	-20 to 60°C
Humidity	Meth 5%-95% RH, non-condensing	
Altitude	4,600 m	12,200 m
Shock	15g, 11ms	30g, 11ms
Vibration	20-60Hz, 0.075 mm	10-50Hz, 0.15mm