



Spark S7T

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



Uncompromised View and Portability

Compare to S9T, S7T offer a more compact size and lighter weight, It could be carried during the flight. It is designed for field and mobile 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 Spark-S7T is able to house a maximum of seven expansion cards (motherboard dependent) along with one 5.25" drive bay, 1x slim DVD bay and 3x 3.5" removable disk drives, optional 8x 2.5" removable hard disk drives, offering expansion capability unmatched by any other portable system.

Applications:

The all-aluminum Spark-S7T chassis is 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

Spark-S7T has three 17.3" 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

S7T 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 Spark-S7T, 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		ATX
Total Slots		7
Full Length Slots		-
Drive Bays	5.25"	1
	3.5"	-
	2.5"	Optional 8
	Removable	3 x 3.5"
	Slim FDD	-
	Slim Optical	1
Power Supply		PS2 300W – 700W (optional)
Fan(s)		1x 8 cm
Keyboard/Mouse		Optional
		Optional Waterproof 108 Keys
Audio		2 x 2.5W speaker with amplifier
Dimension (mm)		441 W x 340 H x 200 D
Weight		11.4 kg

Screen Specifications

Size	17.3"
Resolution	1920 x 1080
Brightness	300 cd/m ²
Contrast	400:1
Response Time	8 ms
Input	DVI
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