

Spark

# Spark S9T

High performance triple-monitor portable solution designed for field and mobile applications



## Uncompromised View and Portability

In addition to all the strengths of a S9, S9T's three screens provide users with larger display area for more information. 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-S9T is able to house a maximum of seven expansion cards (motherboard dependent) along with one 5.25" drive bay, up to two 3.5" disk drives, up to five 2.5" disk drives, one removable 2.5" disk drive, and one slim optical drive, offering expansion capability unmatched by any other portable system.

## Applications:

The all-aluminum Spark-S9T 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-S9T has three 17.13" 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

S9T 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

The Spark-S9T is compatible with most standard desktop ATX power, giving you the freedom to choose the right power supply to meet your specific needs.

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## Technical Specifications

<b>Chassis</b>	Aluminum	
<b>Platform</b>	ATX	
<b>Total Slots</b>	7	
<b>Full Length Slots</b>	4	
<b>Drive Bays</b>	5.25"	1
	3.5"	Up to 2
	2.5"	Up to 5
	Removable	1 x 2.5"
	Slim FDD	-
Slim Optical	1	
<b>Power Supply</b>	PS2 300W - 700W (optional)	
<b>Fan(s)</b>	2 x 12 cm	
<b>Keyboard/Mouse</b>	104 Keys with Touchpad Optional Waterproof 108 Keys	
<b>Audio</b>	2 x 2.5W speaker with amplifier	
<b>Dimension (mm)</b>	441 W x 350 H x 260 D	
<b>Weight</b>	15 kg	

## Screen Specifications

Size	17.3"	17.3"
<b>Resolution</b>	1600 x 900	1920 x 1080
<b>Brightness</b>	220 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
<b>Contrast</b>	500:1	400:1
<b>Response Time</b>	8 ms	8 ms
<b>Input</b>	DVI	DVI
<b>Light Source</b>	LED	LED

## Environmental Specifications

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