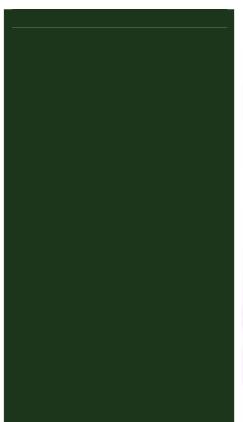


Spark S3/S3B

The high-performance all-aluminum laptop-style portable computer designed for field and mobile applications





Inspired by our broad ruggedized computing solutions for mission-critical applications, SSI Portable has developed the Spark S3/S3B.

The multi-functional Spark S3/S3B mobile workstation combines high-end computing power and add-on capbility with a crystal clear display into a extremely rurrgedized all-aluminum chassis. The optional swappable battieries allow you to work whereever you need it, whenever you need it.

Why choose Spark S3/S3B15.6" LED-backlit LCD

- mini-ITX platform
- Ruggedly built, industrial quality
- Lightweight aluminum chassis
- **IP43 Waterproof**
- Silicon Rubber Backlit Keyboard



The high-performance all-aluminum laptop-style portable computer designed for field and mobile applications

The Spark-S3 portable computer combines high-performance, add-on capability, and a large display into an extremely ruggedized all-aluminum laptop-style chassis. It offers a cost effective solution to performance demanding portable computing applications.

Long Battery Life

The S3B model from the family is designed with swappable high-capacity batteries each with 14.4V 7.5Ah/112 Watts, providing enough juice to power your machine for long hours. In addition, the hot-swappability enables users to operate the machine for as long as they wish with pre-charged batteries. *Optional external battery charging docks sold separately.*

Expandability

With the mini-ITX platform and supporting $2 \times 3/4$ length expansion slots, 1×3.5 " drive bay, 1×2.5 " removable drive bay, and 1×10^{-5} series is the most versatile laptop-style portable computing solution on the market.

It provides you an alternative to our other products for applications that requires less expandability and more portability.

Backlit Keyboard

The S3 series machines are equipped with a waterproof backlit keyboard with three level of brightness, allowing you to operate in the darkest environment.



LCD Screen

The S3 series models are equipped with a 15.6" LED-backlit LCD, offering a crystal clear viewing experience with low power consumption.

Technical Specifications

Technical Specifications					
Model		S3	S3B		
Chassis		Aluminum			
Platform		mini-ITX			
1/2 Length Slots		1			
3/4 Length Slots		1			
	3.5"		1		
Drive Bays	2.5"	1			
	Removabl	1			
	Slim	1			
Power Source					
External Adaptor		AC Input: 90 - 260V / DC Output: 24V 9.2Ah			
Built-in PSU		200W	220W		
Battery		-	2x 110W		
·			14.4V/7.5Ah		
Fan(s)		3 x 7 cm	2 x 7cm		
Keyboard/Mouse		Back-lit Waterproof 88 Keys with Touchpad			
Audio		2 x 2W speaker with amplifier			
Dimension (mm)		380 W x 310 H x 120 D			
Weight		8.8 kg	9.8 kg		

Screen Specifications

Size	15.6"		
Resolution	1366 x 768	1920 x 1080	
Brightness	220 cd/m ²	300 cd/m ²	
Contrast	500:1		
Response Time	8 ms		
Input	DVI		
Light Source	LED		

Environmental Specifications

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

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