



## 8500 series

### Industrial Mobile Computer

A mobile computer of great versatility, the 8500 series makes the perfect data capture tool for most rugged environments – enabling warehouse and manufacturing workers to capture both RFID and barcode data effectively with high efficiency.

Flexible, accurate and easy to use, this mobile computer is designed to interface with any operating system and communicates wireless to your corporate information. Now, you can make smarter decisions for your business effortlessly.

# SPECIFICATIONS

## 8500 series

### Industrial Mobile Computer



		8500	8570
<b>Performance</b>	CPU	32-bit CMOS	
	Memory	2MB Flash ROM 2MB, 6MB, 10MB SRAM	
	Operating power	Removable, rechargeable 3.7V 4000 mAh Li-ion battery	
		Adapter: AC 110V / 220V input DC 6V 3.3 A output via cradle	
	Working hours <sup>1</sup>	400 hours batch mode 70 hours WLAN mode	
	Backup power	3.0V 7.0mAh Lithium battery / Data retained 1 week minimum	
	Alerts	Programmable LED, buzzer, vibrator	
<b>Wireless communication</b>	WLAN	-	IEEE 802.11b/g
	WPAN	BT Class 2 compliance	
	Serial	IR / IrDA (115.2 Kbps)	
<b>Data capture</b>	Barcode scanning	Linear imager / Laser / Long-range laser / Extra-long-range laser / 2D imager	
	RFID reader/writer	Frequency: 13.56 MHz Supported tags: ISO 14443A, ISO 14443B, ISO 15693, ICODE	
<b>Physical characteristics</b>	Display	3.0" 160 × 160 pixels, touchscreen, white LED backlit, heater option 26 characters × 19 lines small font or 20 characters × 9 lines large font	
	Keypad	24 numeric / 44 alphanumeric keys, LED backlit	
	LED	Dual color: green, red	
	Size L x W x H	230 × 91 × 63 mm / 9.1 × 3.6 × 2.5 in.	
	Weight	600 g / 21.2 oz. configuration dependent	
<b>User environment</b>	Operating temperature	-20° to 60°C	-10° to 60°C / 14° to 140°F
		-4° to 140°F	
	Storage temperature	-30° to 70°C / -22° to 158°F	
	Humidity	5% to 95% non-condensing	
	Impact resistance	Multiple 1.5 m / 5 ft. drops onto concrete, 5 drops on each side / IP64	
	Electrostatic discharge	±8 kV direct electrostatic discharge	
EMC regulation	BSMI, CE, C-Tick, DGT, FCC, MIC, RSS-210, TELEC		
<b>Development support</b>	BLAZE C Compiler and BASIC Compiler		
<b>Application software</b>	FORGE Application Generator, STREAM Wireless Studio, MIRROR Terminal Emulator		
<b>Cradles</b>	RS232, USB, 56 Kbps modem, Ethernet		
<b>Accessories</b>	4-slot battery charger, belt holster, protective cover, pistol grip		
<b>Warranty</b>	1 year		

<sup>1</sup> Based on one standard laser scan per five seconds with backlight on.

## ACCESSORIES



**Charging and Communication Cradle**  
USB client / USB host / Ethernet



**4-Slot Battery Charger**



**Belt Holster**



**Protective Cover**



**Pistol Grip**

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