CIPHER LAB
Smarter

8500



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
Performance	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[1]	400 hours batch mode 70 hours WLAN mode	
	Backup power	3.0V 7.0 mAh Lithium battery / Data retained 1 week minimum	
	Alerts	Programmable LED, buzzer, vibrator	
Wireless communication	WLAN	–	IEEE 802.11b/g
	WPAN	BT Class 2 compliance	
	Serial	IR / IrDA (115.2 Kbps)	
Data capture	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	
Physical characteristics	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 Weight	230 × 91 × 63 mm / 9.1 × 3.6 × 2.5 in. 600 g / 21.2 oz. configuration dependent	
User environment	Operating temperature	-20° to 60°C -4° to 140°F	-10° to 60°C / 14° 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	
Development support	BLAZE C Compiler and BASIC Compiler		
Application software	FORGE Application Generator, STREAM Wireless Studio, MIRROR Terminal Emulator		
Cradles	RS232, USB, 56 Kbps modem, Ethernet		
Accessories	4-slot battery charger, belt holster, protective cover, pistol grip		
Warranty	1 year		

[1] 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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