

# SPECIFICATIONS

# 8000 series

## Pocket-Size Mobile Computer



8000

8071

## ACCESSORIES



**Communication Cradle**



**Charging and Communication Cradle**



**Modem Ethernet Cradle**



**GSM/GPRS Cradle (Quad band)**



**4-Slot Battery Charger**

		8000	8001	8062	8071
<b>Communication</b>	Options	Batch		BT Class 2 compliance	IEEE 802.11 b/g
	Serial	IrDA (115.2 Kbps)			
<b>Performance</b>	CPU	16-bit			
	Program memory	2MB flash			
	Data memory	2MB SRAM	2MB/4MB SRAM	2MB SRAM	
	Operating power	2 AAA alkaline	Li-ion 3.7V, 700 mAh		
	Backup power	Rechargeable lithium 3.0V, 7.0 mAh			
	Working time <sup>1</sup>	100 hours		36 hours	22 hours <sup>2</sup>
	Data retention	30 days			
	Alert	Dual-color LED, vibrator, volume-programmable beeper			
<b>Data capture</b>	Barcode scanning	Linear imager / Laser			
<b>Physical characteristics</b>	Display	LCD 100 × 64 with LED backlight			
	Keypad	21 rubber keys with white LED backlight			
	Dimensions L x W x H	122 × 56 × 23 mm 4.8 × 2.2 × 0.9 in.	122 × 56 × 32 mm 4.8 × 2.2 × 1.25 in.	143 × 57 × 35 mm 5.6 × 2.25 × 1.4 in.	
	Weight laser, including battery	123 g / 4.4 oz.	120 g / 4.2 oz.	125 g / 4.4 oz.	166 g / 5.9 oz.
<b>User environment</b>	Operating temperature	-10° to 60°C / 14° to 140°F			
	Storage temperature	-20° to 70°C / -4° to 158°F			
	Humidity non-condensed	Operating: 10% to 90% / Storage: 5% to 95%			
	Impact resistance	Multiple 1.2m / 4 ft. drops onto concrete, 5 drops on each side			
	Electrostatic discharge	±15kV air discharge / ±8kV direct discharge			
	EMC regulation	BSMI, CE, C-Tick, FCC, IC	CE, FCC		BSMI, CE, C-Tick, FCC, IC, MIC, NCC, SRMC, TELEC
<b>Development support</b>	CipherLab Power Suite BLAZE C Compiler and BASIC Compiler				
<b>Application software</b>	CipherLab Power Suite FORGE Application Generator including data transmission OCX, STREAM Wireless Studio, MIRROR Terminal Emulation,				
<b>Cradles</b>	Communication cradle (USB or RS232, only for 8000), charging and communication cradle, modem cradle, Ethernet cradle, GSM/GPRS cradle (quad band),				
<b>Accessories</b>	4-slot battery charger, AC/DC adapter, RS232 cable, USB cable				
<b>Acoustic coupler 8021</b> <small>available in US only</small>	Data rate/format: 1200, O/E/N, 7/8, 1/2 stop bits Sound frequency: 1.2 KHz ±5%, 2.2 KHz ±5% Modulation type: Bell202/FSK				
<b>Warranty</b>	1 year				

<sup>1</sup> Based on one standard laser scan per five seconds with backlight off.  
<sup>2</sup> Dependent on loading traffic of network

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