

# SPECIFICATIONS

## 8000 series

### Pocket-size Mobile Computer



		8000	8001	8061	8071
<b>Wireless Communication</b>	Options	Batch		Bluetooth	Wi-Fi
	Specifications	Infrared		BT Class 1	802.11b/g
	Coverage line of sight	Typically 30 cm / 12 in.		250 m / 820 ft.	350 m / 1148 ft.
<b>Power</b>	Operation battery	2 AAA alkaline	Li-ion 3.7 V 700 mAh		
	Backup battery	Rechargeable lithium 3.0 V, 7.0 mAh			
	Working time laser, one scan per five seconds	100 hours		36 hours	22 hours
	Data retention	30 days			
<b>General Characteristics</b>	CPU	16-bit CMOS, low power consumption			
	Program memory	2MB flash memory			
	Data memory	2MB SRAM			
	Display	LCD 100 x 64 with LED backlight			
	Keypad	21 rubber keys with LED backlight			
	Buzzer	Programmable, 1 KHz to 4 KHz			
	LED	Dual color: red and green			
<b>Dimensions</b>	Size L x W x H	122 x 56 x 23 mm 4.8 x 2.2 x 0.9 in.	122 x 56 x 32 mm 4.8 x 2.2 x 1.25 in.	143 x 57 x 35 mm 5.6 x 2.25 x 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>Scanner</b>	Light source	Linear imager: 650 nm red LED / Laser: visible laser diode			
	Scan rate	Linear imager/Laser: 100 scans per second			
	Scan angle	Laser: 47°			
	Reading range	Linear imager: 3 to 29 cm / 1.2 to 11.4 in. Laser: 1 to 45 cm / 0.4 to 1.5 ft. dependent on barcode resolution			
<b>Environmental</b>	Operating temperature	-10°C to 60°C / 14°F to 140°F			
	Storage temperature	-20°C to 70°C / -4°F to 158°F			
	Humidity	Operating: non-condensed 10% to 90% / Storage: 5% to 95%			
	Impact resistance	1.2 meter / 4 ft. drops onto concrete, 5 drops per 6 sides			
	Electrostatic discharge	± 15 kV air discharge, ± 8 kV direct discharge			
EMC regulation	FCC, CE, and C-Tick approved		FCC, CE, C-Tick, DGT, BSMI, TELEC, MIC		
<b>Programming</b>	C, Basic, and Windows-based applications generator				
<b>Accessories</b>	Charging & communication cradle (serial & USB), Modem cradle (56K), Ethernet cradle (10/100 BaseT), Battery gang charger				
<b>Acoustic Coupler</b> 8020/8021 available in US	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				

## ACCESSORIES



Communications Cradle



Charging and Communications Cradle



56 Kbps Modem  
10/100 Mbps Ethernet Cradle



Battery Gang Charger



DIN EN ISO 9001

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