

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 7.0mAh 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 backlight, heater option 26 characters × 19 lines small font or 20 characters × 9 lines large font	
	Keypad	24 numeric / 44 alphanumeric keys, LED backlight	
	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	
User environment	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		
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