

SPECIFICATIONS

8500 series

Industrial Mobile Computer



		8500	8570	8580	8590
Performance	CPU	32-bit CMOS			
	Memory	2MB Flash ROM 2MB, 6MB, 10MB SRAM			
	Operating power	Removable, rechargeable 3.7 V 4000 mAh Li-ion battery			
		Adapter: AC 110 V / 220 V input DC 6 V / 3.3 A output via cradle			
	Working hours ¹	400 hours batch mode 70 hours WLAN mode			
	Backup power	3.0 V 7.0 mAh Lithium battery / Data sustained 1 week minimum			
	Alerts	Programmable LED, buzzer, vibrator			
Wireless Communication	WLAN	-	Wi-Fi 802.11b/g (350 m line of sight) ²	-	Wi-Fi 802.11b/g (350 m line of sight) ²
	WWAN	-	-	GSM/GPRS	GSM/GPRS
	WPAN	Bluetooth® Class 2			
	Serial	IR / IrDA (115.2 bps)			
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 x 160 pixels, touch screen, white LED backlit, heater option 26 characters x 19 lines small font or 20 characters x 9 lines large font			
	Keypad	24 / 44 alphanumeric keys, LED backlit			
	LED	Dual color: green, red			
	Size (L x W x H)	230 x 91 x 63 mm / 9.1 x 3.6 x 2.5 in.			
	Weight	600 g / 21.2 oz. configuration dependent			
User Environment	Operating temperature	-20°C to 60°C -4°F to 140°F	-10°C to 60°C / 14°F to 140°F		
	Storage temperature	-30°C to 70°C / -22°F 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	CE / FCC / C-Tick / MIC / TELEC / DGT / BSMI / RSS-210			
	Programming	C, BASIC, Windows® based Application Generator			
	Terminal emulation	VT100/220 and TN5250			
	Communication cradle	RS232 / USB / 56 Kbps modem / Ethernet			
	Accessories	4-slot battery charger, vehicle cradle, belt holster, protective cover, pistol grip			
	Warranty	1 year			

ACCESSORIES



Charging & Communication Cradle
USB client / USB host / Ethernet



Travel Cradle



Vehicle Cradle
DC 12~48V input



4-Slot Battery Charger



Belt Holster



Protective Cover



Pistol Grip

¹ Based on one standard laser scan per five seconds with backlight on
² Effective coverage depends on user environment and equipment deployment. It is highly recommended to conduct a site survey before actual deployment.



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