

SPECIFICATIONS

# 8500 series

## Industrial Mobile Computer



### ACCESSORIES



**Charging & Communication Cradle**  
RS232 / USB / Modem / Ethernet



**Vehicle Cradle**  
DC 12~48V input



**4-Slot Battery Charger**



**Belt Holster**



**Protective Cover**



**Pistol Grip**

		8500	8570	8580	8590
<b>Performance</b>	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 <sup>1</sup>	400 hours batch mode 32 hours WLAN mode			
	Backup power <sup>2</sup>	3.0 V 7.0 mAh Lithium battery / Data sustained 1 week minimum			
Alerts	Programmable LED, buzzer, vibrator				
<b>Wireless Communication</b>	WLAN	—	Wi-Fi 802.11b	—	Wi-Fi 802.11b
	WWAN	—	—	GSM/GPRS	GSM/GPRS
	WPAN	Bluetooth® Class 2			
	Serial	IR / IrDA (115.2 bps)			
<b>Data Capture</b>	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			
<b>Physical Characteristics</b>	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) Weight	230 x 91 x 63 mm / 9.1 x 3.6 x 2.5 in.				
	600 g / 21.2 oz. configuration dependent				
<b>User Environment</b>	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				

<sup>1</sup> Based on one standard laser scan per five seconds with backlight on



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