8700 series
Industrial Mobile Computer

		8700	8770	8790
Performance	CPU	32-bit		
	Program memory	8 MB Flash		
	Data memory	4 MB / 12 MB / 20 MB SRAM		
	Expansion	micro SD slot with SDHC support		
	Operating power	Rechargeable 3.7 V 4000mAh Li-ion battery		
	Working hours[1]	170 hours	66 hours[2]	10 hours[3]
	Data retention	25 days		
	Alert	Dual-color LEDs (red / green, blue / green), vibrator, beeper		
Wireless communication	WLAN	--	IEEE 802.11 b/g	
	WLAN Security	--	WEP, EAP, WPA (PSK), WPA2 (TKIP, AES, PSK)	
	WPAN	*Bluetooth*® V2.1+EDR class 2		
	Bluetooth® profile	SPP, DUN, HID		
	WWAN	--		UMTS / HSDPA: Triple band, 850 / 1900 / 2100MHz GSM/GPRS/EDGE: Quad band, 850 / 900 / 1800 / 1900MHz HSDPA features: 3.6 Mbps, UL 384 kbps UMTS features: PS data rate – 384 kbps DL / 384 kbps UL CS data rate – 64 kbps DL / 64 kbps UL
	GPS	GPS SiRF Star III, internal patch antenna (optional)		
Data capture	Barcode scanning	Linear imager / Laser / Long range laser / 2D imager		
	RFID reader / writer	Frequency : 13.56MHz / Support tags : ISO 14443A, ISO 14443B, ISO 15693		
Physical characteristics	Display	3.0" 160x160 pixels, touch screen, white LED backlight		
	Keypad	24 numeric / 44 alphanumeric keys, white LED backlight		
	Dimensions (L x W x H)	230 x 91 x 63 mm		
	Weight (laser reader / battery included.)	600 g / 21.2 oz.		
User environment	Operating temperature	- 20°C to 55°C / - 4°F to 131°F		
	Storage temperature	- 30°C to 70°C / - 22°F to 158°F		
	Humidity (non-condensed)	Storage 5% to 95% / Operating 10% to 90%		
	Impact Resistance	Multiple 1.5 m/5 ft. drops onto concrete, 5 drops on each side, 1,000 tumbles at 1m/3ft., IP64		
	Electrostatic discharge	± 15kV air discharge / ± 8kV direct discharge		
	EMC regulation	FCC, CE, BSMI, NCC		
Development support		BLAZE C Compiler and BASIC Compiler, GUI Library		
Application software		FORGE Application Generator including data transmission OCX, MIRROR Terminal Emulator		
Cradles		Charging and communication cradle		
Accessories		Belt holster, protective cover, pistol grip, RS232 cable, USB cable, vehicle charger		
Warranty		1 year		

1. Based on one standard laser scan per five seconds with backlight off.
2. *Bluetooth*® off / IEEE 802.11 b/g on. The test is based on one broadcasting packet per second.
3. *Bluetooth*® off / IEEE 802.11 b/g off/ WWAN on.

Bluetooth®

ACCESSORIES

Charging and Communication Cradle

Pistol Grip

Protective Cover

Belt Holster

CIPHER LAB
Smarter

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