

# SPECIFICATIONS

# 8300 series

## Light Industrial Mobile Computer



		8300	8330	8370
<b>Communication</b>	Options	Batch	BT Class 2 compliance IEEE 802.11b/g	IEEE 802.11b/g
	Serial	IR / IrDA (115.2 Kbps) / RS232		
<b>Performance</b>	CPU	16-bit		
	Program memory	2MB flash		
	Data memory	2MB/6MB/10MB SRAM		
	Operating power	Rechargeable Li-ion battery: 3.7V 1800mAh		
	Backup power	Lithium battery: 3.0V, 7.0 mAh		
	Working hours <sup>1</sup>	270 hours	40 hours <sup>2</sup>	
	Data retention	36 days		
	Alert	Dual color LED, vibrator, volume programmable beeper		
<b>Data capture</b>	Barcode scanning	Linear imager / Laser / Long-range laser		
	RFID	13.56 MHz, optional	-	13.56 MHz, optional
	Supported RFID standards	Mifare ISO 14443A, ISO 14443B, ISO 15693, ICODE		
<b>Physical characteristics</b>	Display	LCD 128 x 64, white LED backlight		
	Keypad	24 numeric or 39 alphanumeric rubber keys, LED backlight		
	Dimension L x W x H	170 x 77 x 47 mm / 6.7 x 3 x 1.9 in.		
	Weight Laser including battery	290 g / 10.2 oz.		
<b>User environment</b>	Operating temperature	-10° to 60°C / 14° to 140°F		
	Storage temperature	-20° to 70°C / -4° to 158°F		
	Humidity Non-condensed	Storage: 5% to 95% / Operating: 10% to 90%		
	Impact resistance	Multiple 1.2 m/4 ft. drops onto concrete, 5 drops on each side / IP65		
	Electrostatic discharge	±15 kV air discharge; ±8 kV direct discharge		
	EMC regulation	8300: BSMI, CE, C-Tick, FCC, IC, KCC 8320: FCC, IC 8330: BSMI, CE, C-Tick, DGT/NCC, IC, KCC, TELEC 8370: BSMI, CE, FCC, IC, KCC, NCC, SRMC, TELEC		
<b>Development software</b>	CipherLab Power Suite BLAZE C Compiler and BASIC Compiler			
<b>Application software</b>	CipherLab Power Suite FORGE Application Generator, including data transmission OCX, STREAM Wireless Studio, MIRROR Terminal Emulator			
<b>Cradles</b>	Charging and communication cradle, modem cradle, Ethernet cradle			
<b>Accessories</b>	4-slot battery charger, AC/DC power adapter, keyboard wedge cable, RS232 cable, USB cable			
<b>8320 Acoustic coupler</b> <small>Available in US only</small>	Data rate/format: 1200, 0/E/N, 7/8, 1/2 stop bits Support for DTMF tone dialing Modulation type: Bell202 FSK(1.2 kHz±5%, 2.2 kHz±5%), V.23 FSK(1.3 kHz±5%, 2.1 kHz±5%)			
<b>Warranty</b>	1 year			

<sup>1</sup> Based on one standard laser scan per five seconds with backlight off.  
<sup>2</sup> Depending on network traffic load.

## ACCESSORIES



Charging and Communication Cradle



Modem Cradle  
Ethernet Cradle



4-slot Battery Charger

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