

Dolphin® Mobile Computer Technical Specifications



Dolphin
7900



Dolphin
7850



Dolphin
7600



Dolphin
9000
Series

Operating System		Microsoft® Windows Mobile® 5.0† Microsoft® Windows Mobile® 2003 Second Edition	Microsoft® Windows Mobile® 5.0	Microsoft® Windows CE 5.0	Microsoft® Windows Mobile® 5.0† Microsoft® Windows Mobile® 2003
Central Processing Unit		Intel® X-Scale PXA 255 400MHz	Intel® X-Scale PXA270 312MHz	Samsung 2440 400MHz	Intel® X-Scale PXA255 400MHz
Display		3.8" 1/4 VGA color display with industrial-grade touch panel	Angled 3.5" 1/4 VGA color display with industrial-grade touch panel	2.8" 1/4 VGA color display	3.5" 1/4 VGA color display with industrial-grade touch panel
Memory		64MB RAM x 64MB Flash (128MB RAM & Flash options) mini-SD memory expansion option	64MB RAM x 64MB Flash (128MB RAM & Flash options) SD memory expansion option	64MB RAM x 128MB Flash (128MB RAM option) SD memory expansion option	64MB RAM x 32MB Flash SD memory expansion option
Wireless Communications	WWAN	GSM/GPRS	NA	NA	GSM/GPRS (9500 only)
	WLAN	802.11b	802.11b with diversity antennas	802.11b/g	802.11b
	WPAN	Bluetooth®	Bluetooth®	Bluetooth®	Bluetooth®
Data Capture Technology		Adaptus™ Imaging Technology 5.0	Adaptus™ Imaging Technology 5.0 Option: Laser Engine	Adaptus™ Imaging Technology 5.0	9500/9550: Adaptus™ Imaging Technology 5.0 9501/9551: Laser Engine
Keypad		25-key numeric 36-key alpha	24-key numeric 38-key alpha	29-key numeric-shifted alpha	35-key numeric-shifted alpha 43-key alpha-shifted numeric 56-key full alphanumeric
Battery		7.4V, 14.8 Watt-hour lithium-ion	7.4V, 14.1 Watt-hour lithium-ion	3.7V, 8.1 Watt-hour (standard) 3.7V, 11.1 Watt-hour (extended)	7.4V, 14.8 Watt-hour lithium-ion
IP Rating		IP64	IP64	IP54	IP64
Dimensions (length x width x depth)		7.3" x 3.5" x 1.7" (18.5cm x 8.9cm x 4.3cm)	7.1" x 3.3" x 1.4" (18cm x 8.4cm x 3.6cm)	7.0" x 2.7" x 1.8" (17.8cm x 6.9cm x 4.5cm)	9500/9501: 9.6" x 3.5" x 1.7" (24.5cm x 8.8cm x 4.2cm) 9550/9551: 9.6" x 3.5" x 2.3" (24.5cm x 8.8cm x 5.8cm)
Drop Specification		Repeated 5-ft (1.5m) drops to concrete	Repeated 5-ft (1.5m) drops to concrete	Repeated 4-ft (1.2m) drops to concrete	Repeated 5-ft (1.5m) drops to concrete
Weight*		17oz (482g)	20oz (567g)	11.7oz (332g)	19.7oz (558g)
Warranty**		2 years	2 years	1 year	9500/9550: 2 years 9501/9551: 1 year

*Weight varies by device configuration. Refer to product data sheet for full details.

**One-year warranty on display.

NA = Currently not available

†Pending availability