MC2100 Specifications

PHYSICAL CHARACTERISTICS

Dimensions	6.76 in. H x 1.34 in. D x 2.40 in. W 171.7 mm H x 34.1 mm D x 60.9 mm W
Weight	WLAN with battery: 8.3 oz./234.7 g to 8.5 oz./240.7 g Batch with battery: 8.2 oz./231.7 g to 8.4 oz./237.7 g
Display	2.8 in. QVGA with backlight; TFT-LCD,64K colors
Touchpanel	Resistive touch panel (MC2180 only)
Keypad	27-key numeric; 2 programmable side buttons (MC2180 only); supports keypad overlays for localization and custom functions
Expansion Slot	User accessible Micro SDHC card slot (up to 32GB)
Connectivity	Wi-Fi 802.11b/g/n and Bluetooth (MC2180 only); USB 1.1 full speed host/client
Notification	LED and audible alert

PERFORMANCE CHARACTERISTICS

CPU	Marvell PXA 320 624 MHz
Operating System	Microsoft® Embedded CE 6.0 Core & Pro (MC2180 Only) Editions
Memory	128 MB RAM/256 MB ROM; 256MB RAM/256MB ROM (MC2180 Only); user accessible microSD card slot (supports up to 32GB)

USER ENVIRONMENT

Operating Temp.	14° F to 122° F/-10° C to 50° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95% non-condensing
Sealing	IP54
Vibration	2Gs peak, 5Hz to 2kHz, 1 hour duration per axis
Drop Specs	4 ft./1.2 m to concrete at room temperature 4 ft./1.2 m drops per MIL STD 810G 3 ft./0.91 m to concrete across operating temperature
Tumble Specs	tumbles (1,000 hits) @ 1.64 ft./0.5 m
Development Tools	Zebra Technologies RhoElements for cross platform applications; EMDK suite (C, .NET and Java)
Management Tools	Zebra's Mobile Device Management (MDM) solutions
ESD	±15kVdc air discharge, ±8kv contact discharge

POWER

Battery	2400 mAh rechargeable Smart Li-Ion; user replaceable

DATA CAPTURE

Scanner Options	1D linear imager, 1D(1) laser, 1D/2D area imager (MC2180 only)
Exit Window	Corning® Gorilla® Glass

WIRELESS COMMUNICATIONS (MC2180 ONLY)

WLAN	802.11b/g/n
WLAN Security	WEP, WPA, WPA2, 802.1x, EAP-TLS,TTLS (CHAP, MS-CHAP, MS-CHAPv2, PAP or MD5), PEAP (TLS, MSCHAPv2, EAP-GTC), LEAP, EAP-FAST (TLS, MS-CHAPv2, EAP-GTC), CCXv4 certified
WPAN	Bluetooth Class II, v 2.0 with EDR; integrated antenna

VOICE AND AUDIO

Audio	Speaker and microphone (MC2180 only) Buzzer (MC2100 only)

Push-to-Talk	PTT (client included); high quality speakerphone, wired headset support, PTT will support headset and speakerphone mode (MC2180 Only)
Voice Directed Picking	TekSpeech Pro Certified (MC2180 Only); Compatible with 3rd party VDP clients (MC2180 only)

PERIPHERALS AND ACCESSORIES

Accessories include: 1-slot docking USB charge cradle; 4-slot docking cradle charge only; 4-slot Ethernet cradle; 4-slot battery charger; USB sync/charge cable; power supply; modem adapter cable; holster; hand strap; lanyard; DC cable; battery

REGULATORY

For Regulatory information, please visit:www.zebra.com/mc2100

WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the MC2100 Series is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, go to:www.zebra.com/warranty

RECOMMENDED SERVICES

Managed Device Service; Service from the Start with Comprehensive Coverage

1 Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED[2]: 450 Ft Candles (4,844 Lux) Sunlight: 10000 Ft Candles (107,640 Lux)
2 LED lighting with high AC ripple content can impact scanning performance

Ideal For These Applications:

Industries
- Retail
- Manufacturing

The MC2100 is designed for:
- Receiving
- Replenishment
- Picking
- Price management
- Inventory and asset tracking
- Work-in-process (WIP) tracking
- Returns processing
- Parcel/package delivery tracking (via Batch mode operation)

The MC2100 Series: MC2180 WLAN models
- WLAN/Bluetooth with 2D Imager
- Replenishment
- WLAN/Bluetooth with 1D Laser
- WLAN/Bluetooth with Linear Imager

MC2100 Batch Mode models:
- Batch with 1D Laser
- Batch with Linear Imager