HIGH VALUE WITHOUT COMPROMISING FEATURES OR PERFORMANCE

MOTOROLA MC2100 SERIES

Looking for a way to automate inventory management in your retail store? From the sales floor to the backroom, the Motorola MC2100 mobile computer has what it takes to affordably automate the capture of inventory data right at the point of work. Paper-based forms that need to be transcribed and manually entered into the computer are eliminated, reducing keying errors and improving productivity — workers can handle more tasks per day. And while the MC2100 is value priced, you get many features usually found in more expensive mobile computers. You can count on best-in-class processing power, rugged design, superior ergonomics, flexible data capture options, enterprise grade push-to-talk (PTT), centralized management and the ability to create cross-platform operating system agnostic applications.

THE MC2100 IS DESIGNED FOR:

- Receiving
- Replenishment
- Put-away
- Picking
- Packing
- Shipping
- Item-level pricing
- Shelf tag price management
- Inventory and asset tracking
- Work-in-process (WIP) tracking
- Parcel/package delivery tracking (via Batch mode operation)

Industry leading scanning performance on any bar code.
Choose the scan engine — 1D linear imager, 1D laser, 1D/2D area imager — that will deliver the best performance on the types of data you need to capture. And regardless of which engine you choose, you can even capture damaged, dirty and scuffed bar codes on the first scan.

Superior ergonomics for superior ease of use.
The lightweight MC2100 is designed for comfort and onehand usability. The sculpted finger perch on the back of the device gives users a secure hold without requiring a strong constant grip. Keys are sized and placed for easy singlehanded operation. Since the weight is well-balanced, the device feels surprisingly light in hand. Ten programmable keys give you the flexibility to create applications that make task execution as simple as pressing a single button. And since user interaction is centered around tapping the screen rather than keying in data, we replaced the traditional pen-style stylus with a 'guitar pick' design that is easier to grip and easier to hold for longer periods of time.

The rugged design for all day everyday use.
With a drop and tumble rating, IP54 sealing, a recessed keypad and a Corning® Gorilla® Glass exit window, the MC2100 keeps on working despite the inevitable drops, bumps and spills.

Real enterprise-class push-to-talk (PTT).
With the integrated TEAM Express client,* you can enable group broadcast and private response PTT the day your devices arrive. And since TEAM Express is device agnostic, you can easily create a voice communications web that connects workers with different Motorola mobile devices that work on different networks. The result? Superior collaboration.

Create a single application version for the MC2100 — and your other Motorola mobile computers.
Motorola's RhoElements allows you to create a single application that looks, feels and acts the same on Motorola mobile computers, regardless of whether it runs on the Android, Microsoft® Windows Mobile or Windows CE operating system. Since you no longer need to create and maintain separate applications for different operating systems, you are free to choose the right device for each worker — and application development and support has never been easier or more cost-effective.

Best-in-class application performance.
The MC2100 offers the fastest processor and best memory configuration in its class, providing all the power you need to give users a desktop-style application experience.

Easily manage your devices — from anywhere.
Whether you have one location or locations all around the world, Motorola's Mobility Services Platform (MSP) allows you to remotely stage, update, monitor and troubleshoot your Motorola mobile computers, driving the single largest mobility cost to an all-time low — everyday management.

Protect your investment from the unexpected.
Motorola's enterprise-class services eliminate the unforeseen repairs that can substantially increase the cost of your mobility solution and reduce user productivity. With Service from the Start with Comprehensive Coverage, you get true business-class support. This all-inclusive service covers normal wear and tear, internal and external components damaged through accidental breakage for both device and select accessories and operating system issues — keeping the MC2100 up, running and in the hands of your users.

SPECIFICATIONS CHART

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: 8.32 oz./236 g
	Batch with battery: 8.04 oz./228 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
Audio	Speaker and microphone (MC2180 only)
	Buzzer (MC2100 only)

PERFORMANCE CHARACTERISTICS

CPU	Marvell PXA 320 624 MHz
	Operating System Microsoft® Embedded CE 6.0
	Memory 128 MB RAM/256 MB ROM; 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
Drop Specification	4 ft./1.2 m drops per MIL STD 810G
	4 ft./1.2 m to concrete at room temperature
	3 ft./0.91 m to concrete across operating
	temperature
Tumble Specification	500 tumbles (1,000 hits) @ 1.64 ft./0.5 m
Sealing	IP54
Vibration	2Gs peak, 5Hz to 2kHz, 1 hour duration per axis
ESD	±15kVdc air discharge, ±8kv contact discharge

* Support available in the near future.

USER ENVIRONMENT (continued)

Humidity	5% to 95% non-condensing
Development Tools	Motorola RhoElements for cross platform
	applications; EMDK suite (C, .NET and Java)
Management Tools	Motorola Mobility Services Platform (MSP)

POWER

Battery	2400 mAh rechargeable Smart Li-Ion; user
	replaceable

DATA CAPTURE

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

COMMUNICATIONS (MC2180 ONLY)

WLAN	802.11b/g/n
WLAN Security	WPA, WPA2, EAP-TTLS/MSCHAPv2, EAPFAST
	(Cisco), PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-
	GTC, EAP-TLS
WPAN	Bluetooth Class II, v 2.0 with EDR;
	integrated antenna

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.motorolasolutions.com/mc2100

WARRANTY

Subject to the terms of Motorola'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:
http://www.motorolasolutions.com/warranty

RECOMMENDED SERVICES

Managed Device Service; Service from the Start with Comprehensive Coverage

THE MC2100 SERIES

- WLAN/Bluetooth with 2D Imager
- WLAN/Bluetooth with 1D Laser
- WLAN/Bluetooth with Linear Imager
- Batch with 1D Laser
- Batch with Linear Imager

START MANAGING YOUR INVENTORY MORE EFFICIENTLY WITH THE MC2100.

**Find out how by visiting us on the web at www.motorolasolutions.com/emea/mc2100
or access our global contact directory at www.motorolasolutions.com/emea/contactus**

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