THE MOTOROLA RETAIL MOBILE COMPUTING PORTFOLIO

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Use the at-a-glance chart below to identify the devices that have the right features and functionality for the different types of workers in your retail establishment.

	ENTERPRISE TABLET	HANDHELD MOBILE COMPUTERS WITH INTEGRATED VOICE AND DATA	
	ET1	**SB1**	**EWP2100/3200 ENTERPRISE VoWLAN SMARTPHONES**
	motorolasolutions.com/ET1	motorolasolutions.com/SB1	motorolasolutions.com/enterprisevoice
GENERAL DESCRIPTION			
Device Highlights	• Truly enterprise-ready Android tablet • PTT voice inside the store • Comprehensive data — supports the most graphics-rich web-based applications • As sleek and easy to use as popular consumer tablets, yet loaded with enterprise features that deliver durability, security, manageability, flexibility and more • Cellular and Wi-Fi for connectivity inside the enterprise and out in the field		• Smallest and lightest Wi-Fi device — fits in a pocket • Built for all day business use • Voice, simple business applications and dashboard style data
DESIGNED FOR...			
Customers			
Managers	•		•
Sales Staff	•	•	•
Backroom/Stockroom		•	•
Security Staff			
APPLICATIONS			
Voice Connectivity	•	•	•
Mobile Point of Sale	•		
Robust Enterprise Apps/ Dashboards	•		
Line of Business App Access	•		•
Inventory Management	•	•	
Task Management		•	
Customer Facing Apps	•		
USER AND APPLICATION CONSIDERATIONS			
Weight	1.4 lbs/.63 kg	3.7 oz./105 g	5.1 oz./145 g — 5.4 oz./152 g
Display	7 in. with Corning® Gorilla® Glass	3.0 inch E Ink Pearl 220 display	2.0 in. QVGA
Processor	Dual core 1GHz each plus graphics accelerator	i.MX35 (532MHz)	325 MHz
Bar Code Scanning and Data Capture	1D and 2D bar codes/photos/videos/ signatures/documents		1D and 2D bar codes/photos/videos/ documents (EWP3200 only)
Payment Card Reader Accessory	Standalone Bluetooth MPM-100		
Cellular Connectivity	4G HSPA+/3G EVDO on CDMA		
Wi-Fi Connectivity (WLAN)	802.11a/b/g/n	802.11b/g/n	EWP2100: 802.11a/b/g EWP3200: 802.11a/b/g/n
Bluetooth	•		•
RUGGED DESIGN			
Drop Tested	4 ft./1.2 m	4 ft./1.2 m	4 ft./1.2 m
Tumble Tested			
Sealing	IP54	IP54	IPx2
Operating Temperature	32° F to 122° F/0° C to 50° C	32° F to 104° F/0° C to 40° C	14° F to 122° F/-10° C to 50° C

	HANDHELD MOBILE COMPUTERS WITH INTEGRATED VOICE AND DATA			
	ES400	**MC40**	**MC55A0**	**MC67**
	motorolasolutions.com/ES400	motorolasolutions.com/MC40	motorolasolutions.com/MC55A0	motorolasolutions.com/MC67

GENERAL DESCRIPTION

	ES400	MC40	MC55A0	MC67
Device Highlights	• Smallest combination Wi-Fi/ cellular mobile computer — fits in a pocket • Built for all-day business use • Voice, simple business applications and dashboard style data • Wi-Fi and dual 3.5G cellular for flexible on and off-premises connectivity	• Pocket-sized • Fully-featured voice and data, including support for PTT and PBX calls and information rich web- and graphic-based applications • Enables creation of "full service associates" — from "meet and greet" to purchase	• Maximum rugged design in a size-optimized handheld mobile computer • Fully-featured voice and data, including support for PTT and PBX calls and information rich web- and graphic-based applications • Wi-Fi for anywhere on-premise connectivity	• Maximum rugged design in a size-optimized handheld mobile computer • Mobile payment transaction support • Fully-featured voice and data • High speed Wi-Fi 'n' and 4G HSPA+ cellular for high performance on and off-premises connectivity

DESIGNED FOR...

	ES400	MC40	MC55A0	MC67
Customers				
Managers	•	•	•	•
Sales Staff		•	•	•
Backroom/Stockroom		•	•	•
Security Staff			•	

APPLICATIONS

	ES400	MC40	MC55A0	MC67
Voice Connectivity	•	•	•	•
Mobile Point of Sale			•	•
Robust Enterprise Apps/ Dashboards	•		•	•
Line of Business App Access	•		•	•
Inventory Management	•	•	•	•
Task Management		•		
Customer Facing Apps				

USER AND APPLICATION CONSIDERATIONS

	ES400	MC40	MC55A0	MC67
Weight	5.5 oz./156 g	9.39 oz./266.1 g (with MSR)	11.1 oz./315 g	13.5 oz./385 g
Display	3 in. VGA	4.3 in. WVGA touchscreen	3.5 in. VGA	3.5 in. VGA
Processor	600 MHz (multi-CPU)	800 MHz OMAP4	806 MHz	Dual core 1GHz
Bar Code Scanning and Data Capture	1D and 2D bar codes/photos/videos/ signatures, documents	1D and 2D bar codes/photos/ videos/documents	1D and 2D bar codes/drivers' licenses/photos/videos/signatures/ documents	1D and 2D bar codes/photos/videos/ signatures/documents
Payment Card Reader Accessory	Standalone Bluetooth MPM-100	Available integrated	Standalone Bluetooth MPM-100; snap-on MSR	Standalone Bluetooth MPM-100; snap-on MSR
Cellular Connectivity	Dual user-selectable 3.5G: GSM HSDPA/HSUPA and CDMA-EVDO Rev A			4G HSPA+ high speed cellular connection
Wi-Fi Connectivity (WLAN)	802.11a/b/g	802.11a/b/g/n	802.11a/b/g	802.11a/b/g/n
Bluetooth	•	•	•	•

RUGGED DESIGN

	ES400	MC40	MC55A0	MC67
Drop Tested	4 ft./1.2 m	4 ft./1.2 m	4 ft./1.2 m	8 ft./2.4 m
Tumble Tested	•	•	•	•
Sealing	IP42	IP54	IP64	IP65 and IP67
Operating Temperature	32° F to 104° F/0° C to 40° C		14° F to 122° F/-10° C to 50° C	-4° F to 122° F/-20° C to 70° C

	HANDHELD MOBILE COMPUTERS WITH INTEGRATED VOICE AND DATA			
	MC75A	**MC2100**	**MC3190-Z**	**MC9200/MC9190-G**
	motorolasolutions.com/MC75A	motorolasolutions.com/MC2100	motorolasolutions.com/MC3190Z	motorolasolutions.com/MC9200

GENERAL DESCRIPTION

| Device Highlights | • Rugged handheld mobile computer
• Global payment transaction support
• Fully-featured voice and data
• Wi-Fi and cellular for on and off-premises connectivity | • Rugged handheld mobile computer
• PTT voice
• Application specific device: for cost-effective inventory tracking in the retail store, pharmacy, stock room and more
• Value pricing
• Choice of Wi-Fi or batch mode
• Integrated voice and data | • Retail focused rugged handheld RFID reader
• Orientation insensitive RFID technology for ease of use plus bar code scanning
• Pinpoint locating of specific items
• Fully-featured data | • Rugged handheld mobile computer
• Next generations in the highly successful MC9000 Series
• Power to support next generation mobile applications
• Superior customization: six scan engine options and six interchangeable keypads
• Supports voice and data
• FIPS 140-2 government grade security |

DESIGNED FOR...

Customers				
Managers	•			
Sales Staff	•			
Backroom/Stockroom	•	•	•	•
Security Staff				

APPLICATIONS

Voice Connectivity	•	•		
Mobile Point of Sale	•			
Robust Enterprise Apps/ Dashboards	•			
Line of Business App Access	•	•	•	
Inventory Management	•	•	•	•
Task Management				
Customer Facing Apps				

USER AND APPLICATION CONSIDERATIONS

Weight	14 oz./398 g	8.32 oz./236 g	22.93 oz./650 g	27 oz./765 g
Display	3.5 in. VGA	2.8 in. QVGA	3 in. VGA	3.7 in. VGA
Processor	806 MHz	624 MHz	520 MHz	Dual core 1GHz (MC9200) 806 MHz (MC9190-G)
Bar Code Scanning and Data Capture	1D and 2D bar codes/drivers' licenses/ photos/videos/signatures/documents	1D and 2D bar codes	RFID, 1D and 2D bar codes	1D and 2D bar codes; PDF codes; direct part marks
Payment Card Reader Accessory	Standalone Bluetooth MPM-100; snap-on MSR; snap-on Chip and PIN; snap-on debit card reader			
Cellular Connectivity	3.5GGSM HSDPA or CDMA EVDO Rev A			
Wi-Fi Connectivity (WLAN)	802.11a/b/g	802.11b/g/n	802.11a/b/g	802.11a/b/g/n (MC9200) 802.11a/b/g (MC9190-G)
Bluetooth	•	•	•	•

RUGGED DESIGN

Drop Tested	5 ft./1.5 m	4 ft./1.2 m	4 ft./1.2 m	6 ft./1.8 m
Tumble Tested	•	•	•	•
Sealing	IP54	IP54	IP54	IP64
Operating Temperature	14° F to 122° F/-10° C to 50° C	14° F to 122° F/-10° C to 50° C	14° F to 122° F/-10° C to 50° C	-4° to 122° F/-20° to 50° C

	MOBILE PAYMENT DEVICE	FIXED MOBILE COMPUTERS WITH INTEGRATED VOICE AND DATA		
	MPM-100	**MK500**	**MK3100**	**MK4000**
	motorolasolutions.com/MPM100	motorolasolutions.com/MK500	motorolasolutions.com/MK3100	motorolasolutions.com/MK4000

GENERAL DESCRIPTION

Device Highlights	• Enterprise class payment solution • Process any payment — credit, PIN debit, smart card and contactless NFC • Mobile computer-agnostic device extends value of existing and new Microsoft Windows and Android-based Bluetooth-enabled mobile computers • Future proof — Bluetooth enables connectivity to future Motorola mobile computers	• Compact kiosk designed for basic self-service options • 3.5 in. color QVGA touch screen with 3 programmable buttons • Choice of 1D laser or 2D advanced imager; supports mobile bar codes • Supports one third party peripheral • VoWLAN support	• Mid-size kiosk designed to deliver rich applications for customers and employees • 8 in. color WVGA touch screen with 4 programmable buttons • 2D advanced imager supports mobile bar codes • Supports simultaneous use of three third party peripherals • VoWLAN support	• Full-size dual-purpose kiosk designed to deliver rich customer and employee-facing applications • 12.1 in. color SVGA LCD touch screen • Choice of 1D laser or 2D advanced imager; supports mobile bar codes • Supports simultaneous use of three third party peripherals • VoWLAN support

DESIGNED FOR...

Customers		•	•	•
Managers			•	•
Sales Staff	•	•	•	•
Backroom/Stockroom			•	•
Security Staff				

APPLICATIONS

Voice Connectivity		•	•	•
Mobile Point of Sale	•			
Robust Enterprise Apps/ Dashboards			•	•
Line of Business Apps Access			•	•
Inventory Management		•	•	•
Task Management				
Customer Facing Apps		•	•	•

USER AND APPLICATION CONSIDERATIONS

Weight	6.4 oz./195 g	0.71 lbs/0.320 kg	1.9 lbs./0.86 kg	4.4 lbs./1.99 kg
Display	128 x 32 LCD display	3.5 in. QVGA	8 in. WVGA	12.1 in. SVGA
Processor	N/A	520 MHz	1 GHz	624 MHz
Bar Code Scanning and Data Capture	PIN pad, magnetic stripe reader, smart card reader, contactless NFC reader	1D and 2D bar codes	1D and 2D bar codes	1D and 2D bar codes
Payment Card Reader Accessory	Supports Bluetooth-enabled Windows Mobile- and Android-based mobile computers			
Cellular Connectivity				
Wi-Fi Connectivity (WLAN)		802.11a/b/g	802.11a/b/g/n	802.11a/b/g
Bluetooth	•		•	

RUGGED DESIGN

Drop Tested	4 ft./1.2 m			
Tumble Tested	•			
Sealing	IP54			
Operating Temperature	14° F to 122° F/-10° C to 50° C	32F° F to 104° F/0° C to 40° C	32° F to 104° F /0° C to 40° C	32° F to 104° F/0° C to 40° C

	CUSTOMER CENTRIC DEVICES	VOICE-ONLY DEVICES		
	MC17	**EWB100**	**CLS**	**CLP**
	motorolasolutions.com/MC17	motorolasolutions.com/EWB100	motorolasolutions.com/ businessradios	motorolasolutions.com/businessradios

GENERAL DESCRIPTION

	MC17	EWB100	CLS	CLP
Device Highlights	• Designed for customer use • Let customers pre-scan items for rapid checkout, check price, locate complementary items, access personalized promotions, create gift lists and more • Intuitive five-button design • Easy-to-use for customers of all ages • Dual-use device for associate use • Available with standard or touchscreen display	• Lightweight yet durable VoWLAN voice-only device • Miniature wearable device • Push-to-talk • Easy to carry — no external antenna • Simple to operate • Wi-Fi only	• Lightweight yet durable two-way radio • Compact and easy to wear • Easy to carry • Simple to operate	• Contemporary and durable two-way radio suitable for customer facing areas • Comfortable and easy to wear • Small and lightweight • Full set of accessories, including holsters and magnetic carrying cases, earpieces, chargers and more

DESIGNED FOR...

	MC17	EWB100	CLS	CLP
Customers	•			
Managers				
Sales Staff	•	•	•	•
Backroom/Stockroom	•	•	•	•
Security Staff		•	•	•

APPLICATIONS

	MC17	EWB100	CLS	CLP
Voice Connectivity		•	•	•
Mobile Point of Sale				
Robust Enterprise Apps/ Dashboards				
Line of Business App Access	•			
Inventory Management				
Task Management				
Customer Facing Apps	•			

USER AND APPLICATION CONSIDERATIONS

	MC17	EWB100	CLS	CLP
Weight	9.5 oz./270 g	1.6 oz./45.37 g	4.6 oz./130.4 g with standard battery	2.38 oz./67.5g with standard battery
Display	2.8 QVGA standard or touchscreen	N/A	Yes	No
Processor	312 or 520 MHz	N/A	N/A	N/A
Bar Code Scanning and Data Capture	1D and 2D bar codes	No	No	No
Payment Card Reader				
Cellular Connectivity				
Wi-Fi Connectivity (WLAN)	802.11a/b/g	802.11b/g		
Bluetooth				

RUGGED DESIGN

	MC17	EWB100	CLS	CLP
Drop Tested	4 ft./1.2 m	5 ft./1.5 m		
Tumble Tested	•			
Sealing		IP54	MIL-STD 810 C, D, E, F and G for temperature, shock, vibration and more	
Operating Temperature	32° F to 104° F /0° C to 40° C	14° F to 104° F /-10° C to 40° C	-22° F to 140° F/-30° C to 60° C	

WHAT CAN YOU COUNT ON WHEN YOU CHOOSE MOTOROLA'S RETAIL MOBILE COMPUTING PORTFOLIO?

You can count on finding a Motorola mobile device that offers the right features for each and every worker in your retail store, at the right price — from high performance fully-featured tablets and mobile computers for store managers and associates, a smart badge to connect your entire retail workforce and kiosks for self-service to sleek two-way radios for security staff and much more.

A RUGGED DESIGN
Get reliable everyday operation in your retail environment with ergonomic devices that are built to survive exposure to the inevitable drops, dusty backrooms or even spilled coffee.

EXCEPTIONAL VOICE QUALITY
Our mobile computers are purpose-built from the inside out for both voice and data, so you can equip your employees with a versatile, multi-function device without sacrificing voice quality.

EXCEPTIONAL VOICE INTEROPERABILITY
We increase the value of your total retail mobility solution by enabling voice communications between different families of devices operating on completely different networks. Whether your workers need a tablet or a handheld mobile computer, a VoWLAN device or a two-way radio, instant walkie-talkie style voice communications allows them to function as a single team.

ANYWHERE, ANYTIME CAPTURE OF VIRTUALLY ANY TYPE OF DATA
Scan 1D and 2D bar codes, process payment cards complete with signatures, take high-resolution color photos and more to automate and error-proof everyday retail processes.

MOTOROLA'S UNRIVALED BAR CODE SCANNING TECHNOLOGY
As the inventor of the bar code industry, we offer high performance 'scan and go' simplicity on even damaged and poorly printed 1D and 2D bar codes — without aligning the bar code and scanner window.

REAL APPLICATION POWER — INCLUDING TRUE CROSS-PLATFORM APPLICATIONS
Whether you need an off-the-shelf application or a custom application to run on multiple device types, we've got you covered. Our partner channel offers proven and tested mobile applications that streamline business processes in just about every industry. In addition, with Motorola's RhoMobile Suite, you can create one version of an application that can run on any device in our mobile retail portfolio — regardless of operating system. Applications look, feel and act the same on all devices and can take advantage of whatever feature set is on each device. The result is a pure application simplicity that dramatically reduces application development and management time and cost. And with our Terminal Emulation application, your users can access your mainframe applications right out of the box.

BEST-IN-CLASS SECURITY
Make sure only authorized users can access your devices, your data and your network to help comply with Payment Card Industry (PCI) security regulations. Motorola's Mobile Security Suite brings best-in-class network security to the mobile device level. Put a firewall, intrusion prevention, enforced authentication and data encryption on our mobile computers. Deploy a mobile virtual private network (VPN) for government grade security over wireless networks. The result is wired network-class security for the data on our mobile computers as well as the data in transit over cellular or Wi-Fi networks.

EXTRAORDINARY CONTROL OVER THE FEATURES ON OUR MOBILE COMPUTERS
Motorola's AppCenter allows you to choose which device features and software applications your users can access to protect productivity. For example, you can lock out web browsing or disable voice calling for workers that need data only.

MOTOROLA'S INDUSTRY-LEADING SERVICE PLANS THAT COVER EVERYTHING — PERIOD
Service from the Start with Comprehensive Coverage sets the standard for post-deployment support. This unique all-inclusive program includes normal wear and tear as well as accidental damage to internal and external components, ensuring unpredictable repair expenses never impact your budget.

For more information on how you can put the power of mobile computing to work in your retail operations, please visit www.motorolasolutions.com/retail

ABOUT MOTOROLA SOLUTIONS
END-TO-END MOBILITY SOLUTIONS FOR DEPLOYMENT SIMPLICITY AND SUCCESS

Every day, organizations of all sizes all over the world count on our Enterprise Mobility Solutions to maximize personnel effectiveness, improve services, and increase revenue potential. When you choose Motorola for your mobility solution, you get the peace of mind that comes with choosing an industry leader as your technology partner. We offer the proven expertise and technology you need to achieve maximum value and a fast return on investment — as well as first hand experience in virtually every size organization in nearly every major industry. And our end-to-end solutions offer the simplicity of a single accountable source — regardless of the number of vendors involved.

Our comprehensive product offering includes: rugged and enterprise class mobile computers with extensive advanced data capture and wireless communications options; rugged two-way radios for always on voice communications; private wide area and local area wireless and outside the four walls — and to network multiple locations; comprehensive RFID infrastructure, including fixed, mobile and handheld RFID readers; a partner channel delivering best-in class applications; software solutions that enable centralized and remote management of every aspect of your mobility solution; and a complete range of pre-and post-deployment services to help get and keep your mobility solution up and running at peak performance every day of the year.

MOTOROLA