

Motorola MC55A0



Give the managers and task workers everything they need to take instant action anywhere. Pure business on the inside and smart styling on the outside, the MC55A0 rugged enterprise mobile computer lets your workers access business applications, scan bar codes, snap a photo, view a video and place a private or push-to-talk call to virtually anyone in your facility – all with a single device. The sleek lightweight design is not only pocketable, it is at home in front of customers and patients. And government grade FIPS 140-2 security keeps your most sensitive data safe and secure.

Rating: Not Rated Yet

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Description

HIGH-POWERED PLATFORM

Powerful microprocessor designed for mobility

The Marvell PXA320 @ 806 MHz provides best-in-class application performance coupled with ubiquitous mobility inside the enterprise – even on the most demanding multi-media applications

The memory to support any application

256MB RAM/1GB Flash and a user accessible microSD card slot with support up to 32GB provide the memory space required to enable robust performance for database and other processing intensive applications

The most advanced mobile operating system for the enterprise

Microsoft's Windows 6.5 Mobile Edition increases interoperability with existing enterprise infrastructure; enhances security features; provides a more flexible development platform; improves mobile messaging collaboration

Protects your application investments

Support for Motorola's Enterprise Mobility Developer Kit (EMDK) APIs preserves existing application investments by enabling easy and cost-effective porting of applications from other Motorola mobile computers

ADVANCED WIRELESS CONNECTIVITY

Works on virtually any wireless LAN

The 802.11a/b/g tri-mode radio connects to both 2.4GHz and 5GHz WLANs for cost-effective voice and data connectivity in the office and hot spots; 802.11a (5GHz band) support enables segmentation of voice traffic to ensure voice quality

The most advanced Bluetooth functionality

Bluetooth v2.1 with EDR provides a wireless connection to more device types, including modems, printers, headsets and more; simplifies pairing; improves security; reduces power consumption; supports either Microsoft or Stonestreet stacks

GOVERNMENT GRADE SECURITY OVER VIRTUALLY ANY WLAN

Make sure only authorized users access your devices, your data and your network

Bring wired-line security to your wireless communications without impacting wireless performance through a multitude of security features, including: native FIPS 140-2 Level 1 certification; support for all the latest encryption and authentication protocols; compatibility with Motorola's Mobile Security Suite for device-level protection (device level firewall, intrusion prevention, enforced authentication, data encryption and integrity monitoring protect the data that is resident on and in transit to and from your MC55A0 devices); and compatibility with Motorola Mobile Virtual Private Networks (MVPNs)

THE MOST RUGGED DESIGN

Motorola MAX Rugged for industry leading rugged design and reliability

- Drop (impact) test: multiple 6 ft./1.8 m drops per MIL-STD 810G
- Tumble (endurance) test: reliable operation after 1,000 1.5 ft./0.5 m consecutive tumbles (2,000 hits) in Motorola's tumble drum
- IP64 sealing: complete protection against dust and splashing liquids
- Patented Monocoque unibody housing: greatly improves structural stability and ability to handle the twisting common in a fall or bump
- Patented industrial-grade connector: improves the reliability and durability of the accessory point of interface
- Improved shock absorption for internal components: a rigid yet lightweight magnesium frame encases the main circuit board and all electronics
- Rugged display construction: space between display and touchscreen helps prevent damage to the display

AUTOMATE THE CAPTURE OF VIRTUALLY ANY TYPE OF DATA

Motorola MAX *Data Capture* for advanced high-performance multi-mode data capture

Choose one of four bar code scanning options that can read even damaged and poor quality codes:

1D Scanners

SE960: High performance 1D scanning – adaptive scanning maximizes the range and enables scanning of codes that are damaged or underneath shrinkwrap

2D Imagers

Motorola's SE4500 latest generation 2D imager offers unparalleled laser-like performance on both 1D and 2D bar codes and omnidirectional rapid-fire easy scanning – no need to align bar code and aiming pattern. Choose one of three options:

- SE4500-SR: Optimized for low/medium density standard range scanning of 1D/2D bar codes.
- SE4500-DL: Optimized for medium to high density 1D/2D bar codes as well as the specialized PDF bar codes found on drivers licenses and other identification cards – ideal for gate access and border crossings for identity management; patient wristbands and unit doses in healthcare point of care applications; and the high density codes common in the electronics industry.
- SE4500-HD: Optimized for very high-density 1D/2D codes and the direct part marks common in manufacturing.

Add a 3.2 MP auto-focus flash-enabled digital color camera with user-controllable flash to capture photos, videos, documents with legible fine print and bar codes (for intermittent scanning applications)

BUSINESS-CLASS MOTION SENSING

Motorola MAX Sensor for the intelligence to sense – and act – on motion

Automatically rotates screen to match; device orientation automatically reverts to sleep mode when not in use to preserve battery power; landscape mode improves the display of data-intensive applications; enables utilization of sensor data in custom applications

ADVANCED ERGONOMICS

Advanced sleek design for ease of use and user comfort

Specifically designed for one-handed operation – data entry is easy regardless of hand size with minimal movement

Crystal clear text and graphics with Motorola MAX Display

3.5 inch extra-crisp PenTile high-resolution color VGA touchscreen display is easy to view in virtually any lighting condition – indoors and outside; additional white pixel improves contrast; energy-efficient engineering delivers twice the brightness at half the power of typical displays

A family of keypads for global data entry flexibility

Numeric, QWERTY, AZERTY, QWERTZ and NAV PIM support a wide range of applications all around the world

PRESERVE EXISTING ACCESSORY INVESTMENTS

Backwards compatibility with all MC55 accessories

Upgrade to the latest mobile technology advancements while preserving your existing accessory investments

EASY CENTRALIZED MANAGEMENT

Easy global remote management of your devices – and their accessories

Compatibility with Motorola's Mobility Services Platform (MSP) enables comprehensive and flexible centralized management of Motorola and non-Motorola mobile computers and peripherals, anywhere in the world, all from a single console

END-TO-END SUPPORT SERVICES

Increase uptime and reduce support costs with all-inclusive support plan

Optional Service from the Start with Comprehensive Coverage covers normal wear and tear as well as internal and external components damaged through accidental breakage for both device and select accessories