



**MEET YOUR
NEW SIDEKICK**

CL920
DURABLE
LIGHTWEIGHT
POWERFUL



MORE THAN MEETS THE EYE

CL920
DURABLE
LIGHTWEIGHT
POWERFUL

THE CL920 RUGGED PLATFORM

Reduce downtime and increase productivity overnight. Our sleek new CL920 Rugged Platform is a giant leap forward in our CL-Series with faster processing power, enhanced connectivity, increased durability and superior image capture software. With support for both Windows® 7 and Windows® 8.1 applications, the CL920 is ready to stand by your side now and in the future.

RUGGED RELIABILITY

The CL920 withstands the rigors of a tough workday – dustproof and shockproof for uninterrupted reliability – rain or shine. Built around an internal magnesium frame and fortified with Corning® Gorilla® Glass 3, the Tablet features a new signature Motion dot-pattern design for a ruggedized, non-slip surface texture.

BUILT FOR SPEED

As a mobile professional, speed is your ally. With the latest Quad Core Intel® Pentium® processor, the new CL920 is 69% faster than our previous model. Combine that with 4G LTE for rapid connectivity and the CL920 gets work done in a flash.

YES, THIS IS THE OUTLINE OF THE CL920.
MEET YOUR NEW SIDEKICK.

CL920 FOR THE MOBILE PROFESSIONAL

STURDY, SLEEK AND ALWAYS CONNECTED

THE CL920 PLATFORM



TABLET

- Built for MIL-STD-810G and IP52
- Windows® 7 and Windows® 8.1 support
- Quad Core Intel® Pentium® processor
- 10.1" High Definition View Anywhere® Display
- Corning® Gorilla® Glass 3
- 4G LTE Broadband and 802.11ac Wi-Fi®
- SnapWorks™ camera application
- Touch, pen and keyboard input options



DOCKING STATION

- Excellent in retail environments
- Designed for the standing user
- Connects to additional USB compatible peripherals



MOBILE DOCK w/ KEY LOCK

- Ideal for in-vehicle and forklift mounting
- Secure key lock
- Provides host of I/O ports
- Integrated battery charger
- Vibration protection exceeds crash test standards



CASES AND STRAPS

- X-Strap
- Carry Sleeve
- Bump Case
- Portfolio
- Silicone Slip Cover



SLATEMATE™ DATA ACQUISITION MODULE

- Factory installed add-on module
- Adds barcode scanner and magstripe reader
- TDES encryption for added security (PCI compliant)
- MIL-STD-810G and IP52



READYDOCK™

- Charge, sync and secure multiple tablets in one place
- Lockable cabinet prevents theft

ENTERPRISE-READY. SET. GO!

The CL920 protects your IT investments. Running Windows® 7 or Windows® 8.1, you can continue using your existing software – avoiding additional software development, training, integration and security costs. A stable, long lifecycle platform ensures that the accessories you buy today will work for you tomorrow.

THOUGHTFUL INTEGRATION

It's not just about the tablet. You require a suite of purpose-built accessories that are seamlessly integrated. The CL920 has been designed for durability, security, and ease of use. Simplify your mobile deployments with the components you know will work together. Your workday just got easier.



CL920 AT WORK

AN ABUNDANCE OF APPLICATIONS



SERVICE CONTRACTORS

A busy commercial inspector safely docks the CL920 into the Mobile Dock on the truck's dashboard, charging the battery while using the GPS system to navigate. At the construction site he's able to focus on the inspection without worrying about the dust in the air — the Gorilla® Glass display and fully-encased housing have withstood tougher tasks. During the walkthrough the inspector encounters an out of place crossbeam and takes a picture with the high resolution camera. Using SnapWorks™ by Motion software he adds notes, a GPS location and time stamp - quickly sharing the error with his colleagues back at the office via 4G LTE connectivity. He inserts the photo into his report and pulls up his next work order.



RETAIL DISTRIBUTION

Arriving at an online retailer's primary distribution center, a warehouse manager retrieves his CL920 from the ReadyDock™, fully charged and synced with the day's orders. Thanks to the lightweight design and attachable Carry Sleeve, the manager carries the device throughout the day, troubleshooting and scanning barcodes with the SlateMate™ barcode scanner. When a bulk rush order comes through at the end of the shift, the manager quickly receives an alert via the 802.11ac wireless connection. He immediately alerts his forklift operators and directs them to the correct pallets, filling the order and automatically sending a secure shipping update to the buyer via integration with the manufacturer's existing IT system.



MANUFACTURING

A technician at an automobile assembly plant starts the day by safely logging in to the CL920. The security of the company's proprietary designs and processes remain intact with the full disk encryption and multi-factor authentication provided through the enhanced security features from WinMagic® SecureDoc™ and the Trusted Platform Module. The technician uses the 802.11ac wireless connection to quickly download the latest processes and inventory updates to ensure their workstation is in compliance and ready to go for the day. The technician easily references schematics when needed on the high definition display, and wipes away dirt and grime from the device without worry due to its sealed design. At the end of the shift the technician logs out of the device and docks it in the Mobile Dock with Key Lock to be ready for the next shift to take over.



ABOUT MOTION COMPUTING

Motion Computing® is a leading global provider of rugged tablet PCs, accessories and software for mobile workers. We combine world-class products with services customized for the unique needs of targeted industries, including utilities, construction, public safety, retail and healthcare. We are committed to making the mobile workforce more productive and safe by reducing mobile deployment risks and preserving existing IT infrastructure investments.



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MIL-STD
810G

IP52

MOTION

CL920

TABLET PC

PRODUCT SPECIFICATIONS

PROCESSOR / CACHE

- Intel Pentium "Baytrail" N3540 Quad core
- 4 cores, 4 threads
- 2.16 GHz clock speed (2.66 GHz burst frequency)

OPERATING SYSTEM

- Windows® 8.1 Pro
- Windows® 7 Pro

DURABILITY

- MIL-STD-810G
- IP52 (Water, dust and splash resistant)
- Corning® Gorilla® Glass 3
- Magnesium internal frame
- SSD storage

CHIPSET

- Intel HD Graphics
- WDDM 1.3 driver

TOUCH & PEN

- 10 point projective capacitive multi-touch
- Active stylus

DISPLAY

- 10.1" Wide HD (LED BL, 1366x768) Dual Bonded Display with Corning® Gorilla® Glass
- 180 degree viewing angle
- Intel HD Graphics
- Screen Rotation: 0°, 90°, 180°, 270°
- Micro HDMI Port 1.4a up to 1920 x 1200 @ 60Hz

AUDIO CONTROLLER

- Realtek High Definition Codec ALC259

SYSTEM MEMORY

- 4 GB DDR3L onboard memory

SYSTEM STORAGE

- 64 GB SSD
- 128 GB SSD

INTEGRATED COMMUNICATIONS

- Integrated Dual Band Wireless-AC with Bluetooth 4.0
- Optional Integrated 4G LTE Mobile Broadband with GNSS OR
- Optional Integrated Augmented GPS

CAMERAS

- Rear facing camera 5.0 MP
- Front facing camera 1.3 MP

AUDIO

- Mono speaker and dual-array mics with noise cancellation
- Combined audio in/out jack

I/O PORTS

- 1 USB 3.0
- 1 micro-HDMI
- 1 full size SD card slot
- Power jack
- Dock connector
- backward compatible with additional Display Port lane

CONTROL BUTTONS

- Secure attention sequence (SAS) / Rotation lock
- Volume buttons
- Windows home button

SECURITY

- Trusted Platform Module (TPM) 1.2
- Absolute® Computrace Complete (optional)
- WinMagic® Secure Doc™ Disk Encryption

DIMENSIONS

- 10.9" x 7.06" x 0.62" (276.7mm x 179.2mm x 15.7mm)

WEIGHT

- 1.9 lbs. (0.84 kg.)¹

BATTERY

- Battery life up to 8 hours²
- 43Whr Lithium Ion

BATTERY CHARGE TIME

- 1.5 hours (Tablet PC on/off)³

AC ADAPTER

- 65W universal 3-pin jack
- 100-240V ~1.5A, 50-60Hz

WARRANTY

- Standard 1 year
- Additional warranty options available

STANDARDS

- ACPI 5.0 compliant



SOFTWARE	• SnapWorks™ by Motion® Camera App • Motion/Softex OmniPass Security Software (Windows 7) • Motion Dashboard (Windows 7) • Know Your Motion Tablet (Windows 8.1) • Pen and Touch Enabled BIOS Setup • Infineon Security Platform Tools • Motion Tablet Center (Windows 8.1) • Microsoft Office - Trial Version (Windows 8.1)	- EMC	• ANSI C63.4 • AS/NZS CISR22: 2009 Class B • AS/NZS 4268: 2008 • AS/ACIF S042.1 (WCDMA/HSDPA) • AS/ACIF S042.3 (WCDMA/HSDPA) • AS/ACIF S042.1 (GSM/EDGE) • AS/ACIF S042.3 (GSM/EDGE) • CAN/ICES-003 Class B • CAN/RSS-210 Issue 7 • CAN/RSS-310 Issue 3 • CAN/RSS-132 (1xRTT/EVDO) • CAN/RSS-133 (1xRTT/EVDO) • EN60601-1-2: 2007 Class B • CENELEC EN 61000-3-2 • CENELEC EN 61000-3-3 • ETSI EN 301-893 • ETSI EN 300-328 • ETSI EN 300-440 • ETSI EN 301-489-1 • ETSI EN 301-489-3 • ETSI EN 301-489-7 • ETSI EN 301-489-17 • ETSI EN 301-489-24 • ETSI EN 301-511 • ETSI EN 301-908 -1/-2 • ETSI EN 62311:2008 • FCC Part 15 Subpart B Class B • FCC Part 15 Subpart C [2.4Ghz] • FCC Part 15 Subpart E [5Ghz] • FCC Part 22 H (1xRTT/EVDO) • FCC Part 24 E (1xRTT/EVDO) • R&TTE [89/336/EEC] & R&TTE [99/5/EC]
ENVIRONMENTAL	MIL-STD-810G (4' Drop, Altitude, Low/High Storage Temperature, Low/High Operating Temperature, Temperature Shock, Rain, Humidity, Sand and Dust, Vibration, Shock)		
REGULATORY			
- PRODUCT SAFETY	• AS/NZS 60950-1 (2nd Edition) • UL, CUL, CE (IEC/EN60950-1; 2006 + A1: 2009) • LVD (73/23/EEC) • EU Directive 2002/95/EC • EU Directive 2002/96/EC • EU Directive 2006/66/EC and its amendments • Substances of Very High Concern (SVHC) • Article 59.1 of Regulation No. 1907/2006 of the European Parliament and the Council related to REACH		
- ENVIRONMENTAL	• California Proposition 65		
		- OTHER	• Technical Instructions for Safe Transport of Dangerous Goods by Air (ICAO Doc #9284)0 • Emergency Response Guidance for Aircraft incidents involving Dangerous Goods (ICAO Doc #9481)

1 Weight represents approximate system weight measured with a 43WHr battery. Actual system weight may vary depending on component and manufacturing variability.

2 Motion battery life estimates based on MobileMark 2012 performance testing. Battery performance will vary by system configuration. Battery life and recharge estimates will vary based on system settings, applications, optional features, environmental conditions, battery conditioning and user preferences.

3 Approximate charging time. Validated charging from 5% to 90% with system on or system off.



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Motion® CL-Series SlateMate™

With Magnetic Stripe Reader and Barcode Scanner

Check inventory, process payments and capture data anywhere on the sales floor with the Motion® CL-Series SlateMate™, an industry-first integrated expansion solution that transforms the CL920 Tablet PC into a mobile-point-of-sale (MPOS) and data acquisition tool. The CL-Series SlateMate with Magnetic Stripe Reader (MSR) and Barcode Scanner (BCS) is securely integrated into the internal frame of the CL920, serving as a streamlined productivity solution that doesn't require connections to third party devices.

SlateMate for Retail

The CL920 with SlateMate, powered by the Intel® Atom™ Dual Core processor, is the ideal solution for retailers to improve customer satisfaction, increase workforce productivity and enhance data integrity. Serving as a MPOS terminal, the CL920 with MSR and BCS combines the ability to process payments, manage inventory status, or gain insight into customer details directly at the point of service.



The CL-Series SlateMate with MSR and BCS enables:

- Improved customer satisfaction and loyalty
- Enhanced store experience
- Empowered store associates and knowledgeable advisors
- Improved transaction times
- Reduced customer abandon rates
- Expanded transaction capabilities during peak periods
- Increased revenue per transaction

With the ability to read virtually all barcodes used by retailers, the CL-Series SlateMate offers seamless, reliable, fast and managed scanning. Additionally, because it uses MagTek® MSR technology, certified with most payment processors, the vast majority of retailers will be able to easily deploy the MSR in their environments. The CL-Series SlateMate with MSR and BCS provides the battery life, connectivity and PCI requirements retailers need to thrive in today's challenging business environments.



Motion® CL-Series SlateMate™

With Magnetic Stripe Reader and Barcode Scanner



PRODUCT SPECIFICATIONS

Barcode Scanner	• 1D/2D Barcode Scanner • Enabled Barcode Symbologies: Code 39, Code 128, UPC-A, UPC-E, Interleaved 2 of 5 MicroPDF417, PDF417, QR Code • Additional symbologies can be configured. Contact Motion for more information.	Dimensions	• L (332mm) H (180mm) W (15.4mm)
Mag Stripe Reader	• Reads 1, 2 & 3 Track Cards per ISO 7810 & 7811 and AAMVA	Weight	• Weight = 135 g (.3 lb)
Mag Stripe Data Encryption Standards	• TDES	Durability	• MIL-STD-810G, Method 516.6, Procedure IV (Transit Drop) • IP52
Key Management Standards	• DUKPT	OS support	• Genuine Windows® 7 Professional (32-bit)
Expansion & Docking Compatibility	• Compatible with CL-Series Docking Station	EMI, Safety, & Environmental Regulations	• ANSI C63.4 • FCC Part 15B • ICES-003 Class B • CENELEC EN55022 Class B (CISPR 22) • CENELEC EN 55024 (CISPR 24) • AS/NZS 3548 Class B • 2002/95/EC (ROHS) • 2002/96/EC (WEEE) • Art. 59.1 of Regulation 1907/2006 {SVHC} (REACH) • Proposition 65 • IEC 60950-1 2nd Edition (UL, CUL) • EN 60950-1 2nd Edition (CE, Nemko, TUV)
Buttons & Indicators	• Barcode Scan button • Integrated beeper - Barcode Scan confirmation • MSR LED	Specifications	• Operation Temperature: 0 ~ +43C • Storage Temperature: -10 ~ +60C • Humidity: 5% to 95% (Non Condensing) • Mag Head operating life: 500K cycles Min. • Card operating speed: 4 IPS ~ 40 IPS.



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MOTION CL-SERIES

RECOMMENDED ACCESSORIES



CARRY SLEEVE 509.400.04

- Comfortable and ergonomic
- Provides protection



DOCKING STATION 309.050.01

- Full port replication
- Enhances functionality
- Enables easy desktop use



MOBILE DOCK w/ LOCK 509.057.00

- Lockable and secure
- Full port replication



MULTI-TABLET CHARGER 509.240.01

- Charge up to 4 CL-series tablets
- Convenient compact design
- Compatible with SlateMate™ tablets



BUMP CASE 509.400.07

- Durable carrying solution
- Built-in easel



SWIVEL PORTFOLIO 509.400.03

- Protects tablet
- Doubles as tablet stand
- Functions in portrait and landscape modes



KEYBOARD PORTFOLIO 509.701.01

- Ideal for mobile computing
- Built-in easel
- Built-in Bluetooth keyboard



LOCKING MOBILE DOCK 509.056.00

- Full port replication
- Available with locking mechanism
- Compatible with SlateMate™ tablets



SILICONE SLIP COVER 509.400.01

- Adds protection to tablet
- Enhances grip on tablet



CARRY KIT 508.400.04

- Comfortable and convenient
- Lightweight
- Includes handle, shoulder strap and attachment posts



X STRAP 509.400.06

- Provides a secure grip
- Ideal for mobile workers



READYDOCK® ATS-RDCL-US

- Store, charge and sync
- Stores up to 5 tablets
- Compatible with SlateMate™ tablets