



MTB7

RUGGED
TABLET
COMPUTER

With a full Windows operating system, you can carry out the entire data collection process from start to finish on your MTB-7. Snap a photo, record field notes, or capture a GNSS location, and then analyze the data you just collected using the Rugged Tablet. Or, quickly transfer your data to another computer or network using one of these ways. Its racing-fast processor and lightweight, ergonomic design ensure maximum efficiency and minimal fatigue. With all the functionality of a desktop computer packed into one ultra-tough tablet, the MTB-7 will truly become your office, anywhere.

CERTIFICATIONS AND STANDARDS

- FCC Class B
- CE Marking (applicable EMC, R&TTE, and LVD directives)
- Industry Canada
- EN62368 Safety
- RoHS 2 Compliant

BASIC SPECIFICATIONS

DIMENSIONS	5.40" w x 8.48" l x 1.36" d (137 x 215 x 35 mm)
WEIGHT	1.5-2 lbs (680-907 g)
BUILD	Durable, chemical- and shock-resistant design Easy-to-grip, impact-absorbing, overmolded bumpers Lightweight and ergonomic design



Who We Are

CP Systems designs, fabricates and integrates standard and customized high-performance computing platforms and LCD monitors for military, industry, and commercial applications.

Using COTS components, CP Systems provides solutions for customers who need reliable systems that will operate in a variety of harsh conditions and who require revision control and hardware consistency for multi-year programs.

CP Systems is an ITAR Registered and ISO 9001:2015 Certified business that has been operating for over twenty years.

Assembled in the USA
ISO 9001:2015 Certified
ITAR Registered

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TECHNICAL SPECIFICATIONS

PROCESSOR	Qualcomm® Snapdragon™ Octa-core Kryo™ 260
MEMORY	6 GB RAM (LPDDR4x)
STORAGE	64 GB flash storage
GRAPHICS	Qualcomm® Adreno™ 512 GPU
OPERATING SYSTEM	Microsoft® Windows 10 or Android
DISPLAY	Active viewing area: 7" (178 mm) Resolution: WXGA (1280 x 800) High-visibility backlit LCD for best-in-class sunlight view-ability Automatic screen rotation Projected capacitive multi-touch interface Optically bonded for increased visibility and strength Chemically-strengthened Dragontrail™ High Ion-Exchange (HIE™) coverglass
BATTERY	Removable Li-Ion battery, 43.2 Whr, operates 10-12 hours on one charge Optional built-in 21.6-Whr battery provides additional 5-6 hours runtime and hot-swap capability
PORTS	Peripheral(s): USB 3.1 10G x 1 Aux Power Input: 12 VDC, optional RS-232 9-Pin D-Sub connector with 5VDC power output Docking port connections (Pwr, USB 2.0, & HDMI)
KEYPAD	Adjustable LED backlit keys Four-way directional navpad User-programmable function keys OEM configurable/customizable
STANDARD ACCESSORIES	Standard removable battery AC wall charger with international plug kit Capacitive small-tip stylus w/tether Hand strap
CONNECTIVITY & OPTIONS	Wireless connectivity: Bluetooth v5.0, Wi-Fi 802.11AC, 2x2 MIMO 4G LTE Multi-carrier capable Camera (Rear: 16 MP with LED illumination, Front: 2 MP) Qualcomm SDR660 GPS/GNSS, Integrated SBAS Receiver Optional Barcode 1D/2D imager Optional UH RFID

QUESTIONS?

Reach out to us at
CP-Systems.Tech
or call 858.571.4330

ENGINEERED TO YOUR SPECIFICATIONS

- In-house engineering department
- Design and build of rapid prototypes. Experience with solving difficult customer application problems through knowledge of the industry and custom system design and manufacturing capability
- Our Engineers use Solid Works 3D CAD modeling software for mechanical design and thermal simulation
- Design experience with MIL-STD-167, MIL-STD-461, MIL-STD-810, and MIL-DTL-901, in addition to FCC, UL, CE, and country specific agency requirements

FACILITY AND TEST

- All integration work is performed in a state-of-the-art, ESD-controlled facility
- Our facility has 23,000 sqft and has dedicated 12,000 sqft to manufacturing and 3,000 sqft to engineering
- Operate to anti-static standard ANSI/ESD S20.20-2007 and electronics assembly standard IPC-A-610, Revision E-2010

REVISION CONTROL & CONFIGURATION MANAGEMENT

- Our Program Managers will assure your products are revision controlled for the life of the program
- Configuration Management to assure TAA Compliance and system compatibility
- One part number for life of the program
- Counterfeit and obsolescence management

QUALITY COUNTS

- ISO 9001:2015 Certified
- 100% system inspection before shipment
- All integrated systems undergo a minimum 24-hour system test and burn-in before shipment to the customer
- Assistance with 3rd party verification of system specifications
- 5-year warranty on all servers and 3-year warranty on LCD monitor products
- TAA compliant
- Built in the USA