



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 via Wi-Fi 802.11AC, Bluetooth 5.0, or 4G LTE. 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

CP Systems
2620 Deep Well Ranch Rd
Prescott, AZ 86301
CP-Systems.Tech
858.571.4330



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