



Commenco Inc.
Wireless Solutions

Business Connected.

DT398 Series Rugged Tablet PC

Slim, Rugged, Multi-functional Wireless Computing

The DT398 series rugged tablets feature the integration of brilliant 9.7" touch screens and high performance, energy efficient Intel® Core™ i7 or Celeron® processors within slim, lightweight, durable package. With built-in smart card readers, Wi-Fi and Bluetooth modules as well as options for barcode scanners, front and back cameras and 3G connection, these robust tablets offer seamless information capture and transmission for improved workflow. Rated IP65, MIL-STD-810G, and MIL-STD-461F as well as with on-screen keyboards and wide temperature range (-4°F to 122°F), the DT398C/ DT398B provides reliable operation in harsh, mission-critical environments.

Features







- Intel® Core™ i7 or Celeron® dual core processor; high performance with low power consumption
- Slim, lightweight and durable design
- Anti-microbial enclosure (DT398B-MD and DT398B-MD-C)
- 9.7" LED-backlight sunlight-readable outdoor display with resistive or capacitive touch.
- Smart card reader (full-slot) and optional modules: barcode scanner, camera, RFID, 3G, and GPS
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- MIL-STD-461F for EMI and EMC tolerance
- NIST (National Institute of Standards and Technology) compliant
- TPM (Trusted Platform Module) 1.2 support
- Wi-Fi and Bluetooth 3.0+HS connection
- Hot-swappable batteries and vehicle-mount charging option
- Dual monitor display support via the Desktop Cradle
- Comprehensive remote device administration through server-based WebDT Device Manager software



DT398B/ DT398B-C/ DT398B-MD/ DT398B-MD-C/ DT398C/ DT398C-SR

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Specifications

						
Model	DT398B	DT398B-C	DT398B-MD	DT398B-MD-C	DT398C	DT398C-SR
System						
CPU	Intel® Core™ i7, 1.7GHz				Intel® Celeron® Dual Core, 1.1GHz	
RAM	4GB to 8GB					
Storage	32GB to 256GB Flash					
Operating System	Microsoft® Windows® Embedded Standard 7, 7 Professional or Linux	Microsoft® Windows® Embedded Standard 7, 7 Professional, Embedded 8 Standard, 8.1 Industry Pro or Linux	Microsoft® Windows® Embedded Standard 7, 7 Professional or Linux	Microsoft® Windows® Embedded Standard 7, 7 Professional, Embedded 8 Standard, 8.1 Industry Pro or Linux	Microsoft® Windows® Embedded Standard 7, Windows® 7 Professional, or Linux	
Display	9.7" LED-backlight sunlight-readable screen with resistive touch	9.7" LED-backlight outdoor display with capacitive touch	9.7" LED-backlight sunlight-readable screen with resistive touch	9.7" LED-backlight outdoor display with capacitive touch	9.7" LED-backlight normal screen with resistive touch	9.7" LED-backlight sunlight-readable screen with resistive touch
Display Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
TPM	Yes, TPM 1.2 support	Yes, TPM 1.2 support	Yes, TPM 1.2 support	Yes, TPM 1.2 support	Yes, TPM 1.2 support	Yes, TPM 1.2 support
Control Switch and Buttons	1 power button, 3 side buttons, 1 trigger button and 1 Wi-Fi switch					
Indicator	1 power/ battery status LED and 1 WLAN active LED					
Microphone	Yes, built-in microphone					
Speaker	Yes, 2W built-in speaker					
Network Interface						
WLAN	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n	Wi-Fi 802.11a/b/g/n
Bluetooth	Bluetooth 3.0+HS	Bluetooth 3.0+HS	Bluetooth 3.0+HS	Bluetooth 3.0+HS	Bluetooth 3.0+HS	Bluetooth 3.0+HS
WWAN/ GPS	3G module for HSPA+/WCDMA/EDGE/GPRS/GSM with GPS positioning and navigation (optional)					
I/O Ports						
USB Port	1 eSATA USB hybrid port	1 eSATA USB hybrid port	1 eSATA USB hybrid port	1 eSATA USB hybrid port	1 eSATA USB hybrid port	1 eSATA USB hybrid port
Headphone-out	1 (2.5mm)	1 (2.5mm)	1 (2.5mm)	1 (2.5mm)	1 (2.5mm)	1 (2.5mm)
DC-in	1	1	1	1	1	1
Smart Card Reader	Full-slot, reads ISO 7816 T=0, T=1; EMV 2000 certified, 1.8/3/5V smart card					
SD Slot	Yes, up to 64GB	Yes, up to 64GB	Yes, up to 64GB	Yes, up to 64GB	Yes, up to 64GB	Yes, up to 64GB
Mechanical and Environmental						
AC/DC Adapter	Input: 100–240V AC; Output: 19V DC, 6.51A					
Battery Pack	Internal 14.8V, 1880mAh/ Optional: External 14.8V, 1850mAh					
Enclosure	ABS + PC plastics		ABS + PC plastics; anti-microbial enclosure		ABS + PC plastics	
Protective Bumpers	Rubber bumpers on each corner with handstrap for handling protection					
Stylus	Yes, non-electronic tip stylus	Yes, capacitive touch stylus	Yes, non-electronic tip stylus	Yes, capacitive touch stylus	Yes, non-electronic tip stylus	Yes, non-electronic tip stylus
Dimensions (H x W x D)	8.7 x 10.4 x 1 in/ 220 x 263 x 25.4 mm					
Weight	3.1 lbs/ 1.4 kg					
Water and Dust Resistance	IP65					
MIL-STD-810G	Shock and vibration protection & explosive atmosphere certified					
MIL-STD-461F	EMI and EMC Tolerance					
Regulatory	FCC Class B, CE, RoHS compliant					
Temperature	Operation: 32°F to 104°F (0°C to 40°C) (Upgrade option: -4°F to 122°F (-20°C to 50°C)); Storage: -4°F to 140°F (-20°C to 60°C)					
Humidity	0% – 90% non-condensing					
Major Options						
Barcode Scanner	2D scanner, reads 1D aslo					
Camera	2M pixels front camera and 5M pixels back camera with LED flash					
RFID Reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1					

* Specifications subject to change without notice.

