

DT311 Rugged Tablet PC

Slim, Rugged, Multi-functional Wireless Computing



The DT311 features the integration of a brilliant 11.6" capacitive touch screen and a high performance, energy-efficient Intel® Celeron®/ Core™ i7 series processor within a slim, lightweight, durable package. With built-in smart card reader, back camera, Wi-Fi and Bluetooth modules as well as option for 4G connection, this robust tablet offers seamless information capture and transmission for improved workflow. Rated IP65 and MIL-STD-810G certified with wide temperature range, the DT311 provides reliable operation in harsh, mission-critical environments.

Features

- Core™ i7 series processor; high performance with low power consumption
- Slim, lightweight and durable design
- 11.6" LED-backlight high-resolution display with capacitive touch
- Hot swappable battery pack
- Built-in back camera and smart card reader (full-slot)
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- NIST (National Institute of Standards and Technology) compliant
- TPM (Trusted Platform Module) 1.2 support
- Comprehensive remote device administration through server-based Device Manager software



Applications

- Inventory/ Warehousing
- Control/ Monitoring
- Manufacturing
- Finance
- Hospitality
- Retail
- Healthcare
- Education

Specifications

Model	DT311
System	
CPU	Intel Celeron 3205U (2 x 1.5 GHz) or Intel Core i7-5500U (up to 2 x 3.0 GHz)
RAM	Celeron: 4 GB Core i7: 8 GB, or 16 GB optional
Storage	64 GB to 512 GB flash
Operating System	Microsoft® Windows® 10 IoT Enterprise (Pro)
Display	11.6" LED-backlight screen with capacitive touch
Display Resolution	1920 x 1080 (Full-HD)
Trusted Platform Module	TPM 1.2 support
NIST Compliant	Yes
Control Switch and Buttons	1 power button, 1 RF switch and 2 programmable buttons
Indicator	1 power/ battery status LED and 1 WLAN active LED
Microphone	Yes, built-in microphone with DSP for video conference call
Speaker	Yes, 2W built-in speaker
Camera	5 megapixel back camera with LED flash, auto focus, white balance, gain control and exposure control
Network Interface	
WLAN	Wi-Fi 802.11a/b/g/n; 2.4GHz/5GHz dual band
Bluetooth	Bluetooth 4.0; Upgrade option: Class 1
I/O Ports	
USB Port	1 eSATA USB hybrid port
Headphone-out	1 (3.5mm)
DC-in	1
Full Slot Smart Card Reader	Reads ISO 7816 T=0, T=1; 1.8/3/5V smart card
Mechanical and Environmental	
AC/DC Adapter	Input: 100 – 240V AC; Output: 19V DC, 3.42A
Battery Pack	Hot Swappable battery, 7.2V, 6150mAh
Enclosure	ABS + PC plastics and magnesium-aluminum alloy
Stylus	Yes, capacitive touch stylus
Protective Bumpers	Rubber bumpers on each corner for handling protection
Dimensions (H x W x D)	208.2 x 312.3 x 22 mm
Weight	1.25 kg
Water and Dust Resistance	IP65
Vibration and Shock Resistance	MIL-STD-810G, MIL-STD-461F,
Regulatory	FCC Class B, CE, RoHS compliant
Temperature	Operation: 0°C to 40°C; Upgrade option: -20°C to 60°C Storage: -20°C to 60°C
Humidity	0% – 90% non-condensing

* Specifications subject to change without notice.

Major Options

Camera

2 megapixel front camera and 5 megapixel rear camera with LED

Barcode Scanner (2D)

2D barcode scanner; reads 1D also

RFID Reader

RFID reader; complies with HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1

Mobile Broadband

4G module for LTE, HSPA+, GSM/GPRS/EDGE, EV-DO, Rev A and 1xRTT

Navigation

GPS / GNSS module ublox 8 gen.

Desktop Charging Cradle

Desktop cradle with external battery pack charger. Docking support with ports for Power, USB, 2 DisplayPort outputs and Ethernet. Power supply is not included.



Gang Charger

Multi-bay charger, capable of charging up to 5 tablets simultaneously



- Automobile Power Adapter



- Stylus (Included)



- Plastic Tablet Handstrap (Included)



- Wall/ Vehicle Mount Cradle



- AC/DC Power Adapter with Power Cord



- Shoulder Strap for Tablets



- USB Mouse



- Mini-USB Keyboard w/Hub



- Keyboard Tray and Keyboard (the Wall/ Vehicle Mount cradle is not included)