

ST370CR/ ST380CR Rugged Tablets

Slim, Rugged, Multi-functional Wireless Computing



The Sumo Technology ST370CR and ST380CR Rugged Tablets feature the integration of brilliant 7" and 8" capacitive touchscreens and high performance yet energy efficient Intel® processors within slim, lightweight, and durable packages. With Wi-Fi, Bluetooth, as well as data capture module and mobile broadband options, these robust tablets offer seamless information capture and transmission for improved workflow. With IP65 and MIL-STD-810G certification, the ST370CR and ST380CR Rugged Tablets provide reliable operation in harsh, mission critical environments.

Features

- 7" and 8" high-brightness capacitive touchscreens, outdoor viewable
- Intel® Atom™ quad-core processor; high performance with low power consumption
- Microsoft® Windows® 10 IoT Enterprise operating system
- IP65-rated for water and dust resistance
- MIL-STD-810G for shock and vibration protection
- Optional back camera, barcode scanner, long-range Bluetooth
- Optional u-blox M8 GNSS module and 4G LTE



Applications

- Government/ Military
- Inventory/ Warehousing
- Control/ Monitoring
- Field Service/Utilities
- Transportation
- Construction
- Healthcare
- Education
- Manufacturing

Specifications

		
Model	ST370CR	ST380CR
CPU	Intel® Atom™ Quad Core, 1.44GHz (up to 1.92GHz)	Intel® Atom™ Quad Core, 1.44GHz (up to 1.92GHz)
RAM	4GB	4GB
Storage	128GB flash	128GB flash
Operating System	Microsoft® Windows® 10 IoT Enterprise	Microsoft® Windows® 10 IoT Enterprise
Display	7" LED-backlight, high-brightness (800 nits) screen with capacitive touch, outdoor viewable	8" LED-backlight, high-brightness (850 nits) screen with capacitive touch, outdoor viewable
Display Resolution	1280 x 800	1920 x 1200
Fan/ Fanless	Fanless	Fanless
Control Switch and Buttons	1 power button, 1 trigger button, 1 return button, 4 programmable buttons, 1 4-way tactile button	1 power button, 1 trigger button
WLAN	Wi-Fi 802.11ac; 2.4GHz/5GHz dual band	
Bluetooth	Bluetooth 4.0 LE	Bluetooth 4.0 LE
I/O Ports		
USB Port	USB 3.0 X 1	USB 3.0 X 1
Headset Jack	1 (3.5mm)	1 (3.5mm)
DC-in	1	1
SD Slot	1 micro SD card slot	1 micro SD card slot
Mechanical and Environmental		
AC/DC Adapter	Input: 100-240V AC; Output: 12V, 5A	Input: 100-240V AC; Output: 12V, 5A
Battery Pack	Hot swappable battery, 3.7V, 8800mAh	Hot swappable battery, 3.7V, 8800mAh
Enclosure	ABS + PC plastics	ABS + PC plastics
Dimensions (H x W x D)	5.4 x 8.4 x 0.94 in/ 137.3 x 214 x 24 mm	5.7 x 8.3 x 0.8 in/ 145.4mm x 210mm x 20.4mm
Weight	1.99 lbs/ 900 g	1.99 lbs/ 900g
Vibration and Shock Resistance	MIL-STD-810G	MIL-STD-810G
Water and Dust Resistance	IP65	IP65
Regulatory	FCC Class B, CE, RoHS compliant	
Temperature	Operation: -10°C to 50°C (14°F to 122°F)	
	Storage: -20°C to 60°C (-4°F to 140°F)	
Humidity	0% – 90% non-condensing	
Major Options		
Camera	5 megapixel back camera	5 megapixel back camera
Barcode Scanner (2D)	2D barcode scanner; reads 1D also	2D barcode scanner; reads 1D also
GNSS Module	U-blox M8 GNSS module	U-blox M8 GNSS module
Mobile Broadband	4G LTE/AWS	4G LTE/AWS
Long Range Bluetooth	Class 1 Bluetooth (1000 ft)	Class 1 Bluetooth (1000 ft)

* Specifications subject to change without notice.

Accessories

- Battery Gang Charger



- Battery Pack



- Desktop Charging Cradle

