BLUEBIRD

Smart Tablet Computer

ST102

Sleek Design with Compelling Enterprise Benefits

Slim, Trim, Light Design

Thanks to its sleek form factor, ST102 offers enterprise computing without compromising the consumer styling.

Long-lasting Battery

ST102 has an energy-effcient processor that preserves battery life to make sure it lasts the entire work shift and longer.
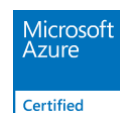
Scratch Resistant Display

ST102's 10.1-inch multi-touch display, is protected by Corning® Gorilla® Glass 3 that is exceptionally resistant to scratches and deep chips.

Fast, Stable Connectivity

ST102 supports 802.11 a/b/g/n/ac to guarantee maximum speed and compatibility with WLAN. And it also supports 4G LTE to provide reliable connectivity to the fast cellular data network.

Optimized Efficiency in Field Work

ST102 has adopted display that provides clear and bright visibility under outdoor conditions with auto-sensing glove, wet touch technology and stylus pen that supports uninterrupted productivity in work environment.

Microsoft Azure Certified

ST102 Applications

- Customer Engagement
- Point of Sale (POS) / Order Taking
- Direct Store Delivery (DSD)
- Survey
- Asset Management
- Inventory Management

Industries

- Retail
- Restaurant and Hospitality
- FMCG
- Field Services
- Government

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Specifications

PERFORMANCE CHARACTERISTICS	
CPU	1.92 GHz Quad Core Processor
Operating System	Windows 10 IoT Enterprise
Memory	4GB RAM / 128GB Flash

PHYSICAL CHARACTERISTICS	
Dimensions (L x W x D)	254.2 x 172.4 x 12.2 mm 10.0 x 6.78 x 0.48 in.
Weight	24.69oz. 700g
Display	10.1 inch. WXGA (1280 x 800)
Imager Window	Corning® Gorilla® Glass 3
Touchpanel	Capacitive multi-touch / Glove, Wet, Stylus
Backlight	LED backlight
Power	Integrated Battery3.8V, 6000mAh
Expansion Slot	MicroSD up to 128GB SDXC
SIM / SAM	1 Micro SIM
Interface	Docking Connector 1 x USB Typc C (3.0)
Notification	Audible tone, Charging Status LED
Keypad	On-screen keypad
Voice and Audio	Loud Speaker, Microphone

WIRELESS WAN DATA AND VOICE COMMUNICATIONS	
Radio Frequency Band	(Optional) 4G: LTE 3G: HSPA+/HSPA/UMTS 2G: EDGE/GPRS
GPS	A-GPS, GLONASS (for WWAN Only)

WIRELESS LAN	
Radio	802.11 a/b/g/n/ac
Data Rates	5GHz: 802.11a/n/ac - up to 500 Mbps 2.4GHz: 802.11b/g/n - up to 144 Mbps

Security	WEP (40 or 104 bit) ;
	WPA/WPA2 Personal (TKIP, and AES);
	WPA/WPA2 Enterprise (TKIP, and AES)
	 - EAPTTLS (PAP, MSCHAP, MSCHAPv2),
	   EAP-TLS, PE APv0- MSCHAPv2,
	   PE APv1-EAP-GTC, EAP Fast and LEAP

WIRELESS PAN	
Bluetooth	Bluetooth 4.0 BLE , Class 2

WIRED LAN	
Ethernet	Support (w/ Ethernet Cradle)

DATA CAPTURE	
Camera	Rear : 8MP Autofocus Front : 2MP Fixed Focus

SENSOR	
Light Sensor	Ambient Light
Motion Sensor	Accelerometer

USER ENVIRONMENT	
Operating Temp	0°C to 50° C / 14°F to 122° F
Storage Temp	-20°C to 60° C / -4°F to 140° F
Humidity	90% non-condensing
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge +/-4kVdc indirect discharge

* Specifications are subject to change without notice.