

# S101EK

## 10.1" Rugged Tablet with Intel® Celeron® N6211



### KEY FEATURES

- Intel® Celeron® N6211 @1.20GHz (up to 3.00GHz), Windows Rugged Tablet PC
- 1920 x 1200 WUXGA with PCAP touch rugged tablet
- 2MP Webcam , 8MP AutoFocus Rear Camera
- Sunlight readable with anti-glare solution
- IP65 water and dust proof with MIL-STD-810H rugged housing
- Optional 1D/2D Barcode Reader
- Removable battery with hot-swap function for all day productivity
- Ethernet thru Giga LAN (RJ45)



### OVERVIEW



#### Powerful Computing Performance

With a fanless cooling system powered by an Intel® processor, S101EK offers stable performance for multi-tasks in rigorous conditions. It supports Windows®; IoT Enterprise operating system to fulfill increasing industrial applications requirements and provide an alternative solution for those between general consumer-grade and extremely rugged solutions.



#### On Field Communication Reliability

The S101EK lightweight tablet offers the latest wired and wireless connection options for faster and improved reliability in dense deployments. Bring a level-up communication with no delay.



#### Compact, Slim, Yet Rugged

S101EK rugged tablet is designed sleek, lightweight, IP65 waterproof sealed, and passed the Defence-standard protection to survive all challenging environmental conditions. S101EK is designed genuinely for mobile workers and keepers who always worry about accidental damage.



#### Optimal Screen Interactivity in the Field

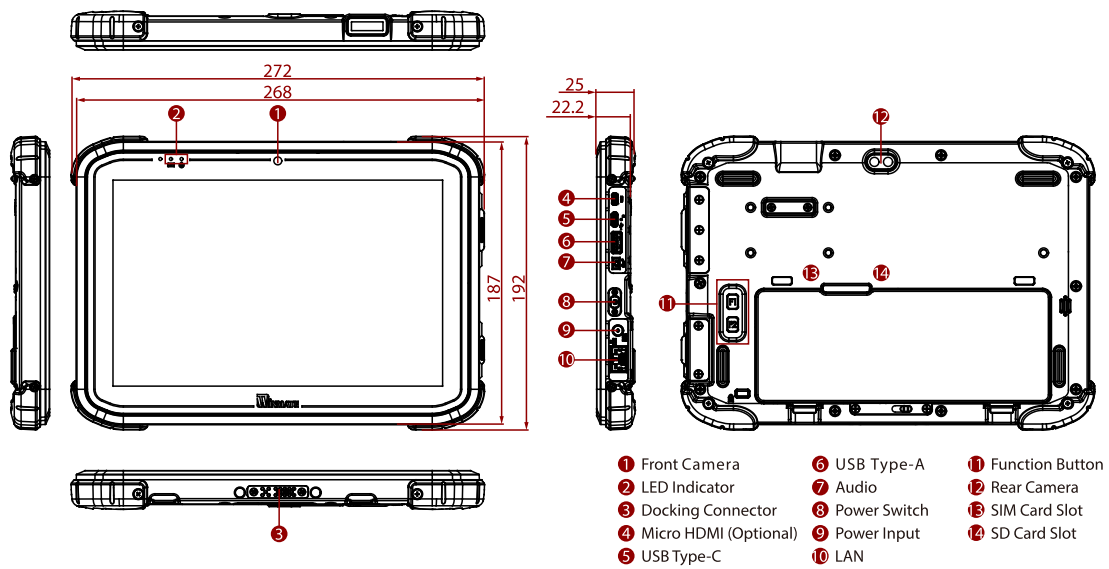
S101EK has 10.1 inches screen supported with the stylus, glove, and wet-touch modes, also integrated with an IPS 800-nits screen for clear visibility and operation comfort whatever the weather and locations are.

### SPECIFICATIONS

Display		System Specification	
<b>Resolution</b>	1920x1200	<b>Processor</b>	Intel Celeron N6211 @1.20 GHz (up to 3.00 GHz) Intel Pentium N6415 @1.20 GHz (up to 3.00 GHz) (Optional)
<b>Contrast Ratio</b>	800:1	<b>Memory</b>	4GB DDR4 SDRAM 8GB DDR4 SDRAM (Optional) 16GB DDR4 SDRAM (Optional)
<b>View Angles</b>	85,85,85,85	<b>Storage</b>	128GB SSD
<b>Type</b>	Projected Capacitive Multi Touch	<b>Security</b>	Trusted Platform Module (TPM) 2.0
<b>Touch Mode</b>	Support Hand / Gloves and Rain Mode		
		<b>Size</b>	10.1 inches
		<b>Panel Brightness</b>	800.0 nits
		<b>Bonding</b>	Optical Bonding for Sunlight Viewability
		<b>Viewability</b>	Anti-Glare touch treatment

	Additional storage available with micro SDXC card slot 256GB SSD (Optional) 512GB SSD (Optional)		Kensington Lock
<b>Operating System</b>	Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise LTSC (64 bit) (Optional)	<b>WLAN</b>	Support
<b>BT</b>	Support	<b>WWAN</b>	4G LTE (Optional) 5G (Optional)
<b>GNSS</b>	GPS, GLONASS	<b>Sensors</b>	Light sensor/ G-sensor / Gyro
<b>Camera</b>			
<b>Front Camera</b>	2MP Front Camera	<b>Rear Camera</b>	8MP Rear Camera with auto-focus and LED light
<b>Mechanical</b>			
<b>Dimension</b>	272 x 192 x 25 mm	<b>Weight</b>	1.1 kg
<b>Cooling System</b>	Fanless design		
<b>IO Ports</b>			
<b>USB Port</b>	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type-C support Power Delivery 20V In)	<b>SD Card Slot</b>	1 x Micro SDXC slot
<b>SIM Card Slot</b>	1 x Nano SIM card slot	<b>Video</b>	1 x Micro HDMI (Optional)
<b>Audio</b>	1 x Audio combo 3.5mm audio combo jack (Mic in or Line Out) Dual Mic Built-in Microphone Single Speaker	<b>Expansion Port</b>	1 x Expansion Connector for USB2.0 / UART (Optional)
<b>LAN</b>	1 x RJ45-10/100/1000 GigaLAN port	<b>Indicator</b>	2x LED Indicator for Power, Battery
<b>Docking Connector</b>	1 x 19-pin docking connector		
<b>Environment</b>			
<b>Operating Humidity</b>	10% to 90% RH, non-condensing	<b>Operating Temperature</b>	-20°C to 60°C
<b>Storage Temperature</b>	-30°C to 70°C (-22°F to 158°F)	<b>Shock</b>	MIL-STD-810H Method 516.8 Procedure I
<b>Vibration</b>	MIL-STD-810H Method 514.8 Procedure I	<b>IP rating</b>	IP65
<b>Drop</b>	MIL-STD-810H Method 516.8, 4 ft		
<b>Certification</b>			
<b>Certification</b>	CE, FCC		
<b>Security Function</b>			
<b>SOTI MobiControl</b>	SOTI MobiControl Compliance	<b>Kensington Lock</b>	Kensington Lock Support
<b>Control</b>			
<b>Button</b>	1 x Power 2 x Programmable function Keys		
<b>Power</b>			
<b>Battery</b>	11.4V, typ. 3500 mAh Li-Ion Re-chargeable Battery (3S1P) Hot-Swap (Optional)	<b>Battery Operating Time</b>	Standard. Battery: 6 hours
<b>Power Rating</b>	19V DC	<b>Adapter</b>	100-240V, 50-60Hz / 19V DC
<b>Accessory</b>			
<b>Accessory</b>	Adapter and Power Cord Standard Battery	<b>Optional Accessory</b>	Vehicle Charger (Optional) Vehicle Dock (Optional) Desk Dock (Optional) Battery Charger (Optional) Hand Strap (Optional) Shoulder Strap (Optional) Carry Bag (Optional) Stylus (Optional)
<b>Barcode Scanner</b>			
<b>Barcode Scanner</b>	1D/2D barcode reader (Optional)		

**DIMENSIONS** UNIT:MM



**NOTE**

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.