

# 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)

## INTRODUCTION

Winmate S101 Series Windows Rugged Tablet combines robust performance with durable design, powered by Intel® processors for seamless computing. Featuring a 1920 x 1200 WUXGA sunlight-readable display with PCAP touch, these tablets are IP65 rated and MIL-STD-810H certified, ensuring water, dust, and shock resistance. Equipped with dual cameras, hot-swappable batteries, and optional 1D/2D barcode readers, the S101 Series excels in demanding environments such as field service, logistics, and industrial applications, delivering reliable connectivity and all-day productivity.

## SPECIFICATIONS

### Display

|                |                                       |                  |                                          |
|----------------|---------------------------------------|------------------|------------------------------------------|
| Resolution     | 1920x1200                             | Size             | 10.1 inches                              |
| Contrast Ratio | 800:1                                 | Panel Brightness | 800.0 nits                               |
| View Angles    | 85,85,85,85                           | Bonding          | Optical Bonding for Sunlight Viewability |
| Type           | Projected Capacitive Multi Touch      | Viewability      | Anti-Glare touch treatment               |
| Touch Mode     | Support Hand/Rain, Stylus, Glove Mode |                  |                                          |

### System Specification

|                  |                                                                                                                                                |          |                                                                           |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------|
| Processor        | Intel Celeron N6211 @1.20 GHz (up to 3.00 GHz)<br>Intel Pentium N6415 @1.20 GHz (up to 3.00 GHz)                                               | Memory   | 4GB DDR4 SDRAM<br>8GB DDR4 SDRAM (Optional)<br>16GB DDR4 SDRAM (Optional) |
| Storage          | 128GB M.2 SATA SSD<br>Additional storage available with micro SDXC card slot<br>256GB M.2 SATA SSD (Optional)<br>512GB M.2 SATA SSD (Optional) | Security | Trusted Platform Module (TPM) 2.0<br>Kensington Lock                      |
| Operating System | Windows 11 IoT Enterprise LTSC (64 bit)<br>Windows 10 IoT Enterprise LTSC (64 bit) (Optional)                                                  | WLAN     | Support                                                                   |
| BT               | Support                                                                                                                                        | WWAN     | 4G LTE (Optional)<br>5G (Optional)                                        |
| GNSS             | GPS, GLONASS                                                                                                                                   | Sensors  | Light sensor/ G-sensor / Gyro                                             |

### Camera

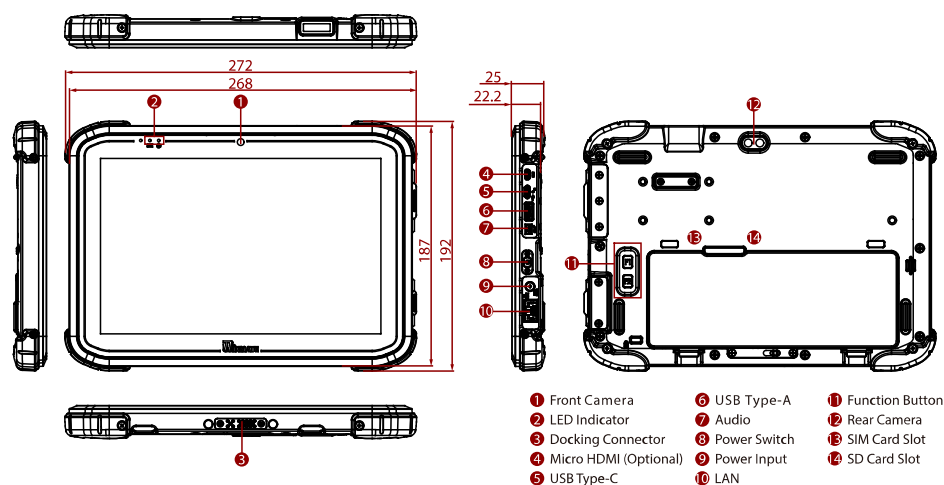


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|                            |                                                                                                                                                        |                               |                                                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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)<br>Dual Mic Built-in Microphone<br>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<br>2 x Programmable function Keys                                                                                                            |                               |                                                                                                                                                                                                                |
| <b>Power</b>               |                                                                                                                                                        |                               |                                                                                                                                                                                                                |
| <b>Battery</b>             | 11.4V, typ. 3500 mAh Li-Ion Re-chargeable Battery (3S1P)<br>11.4V, typ. 4750 mAh Li-Ion Re-chargeable Battery (3S1P) (Optional)<br>Hot-Swap (Optional) | <b>Battery Operating Time</b> | Standard. Battery: 6 hours<br>High Capacity Battery: 7.5 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<br>Standard Battery                                                                                                             | <b>Optional Accessory</b>     | Vehicle Charger (Optional)<br>Vehicle Dock (Optional)<br>Desk Dock (Optional)<br>Battery Charger (Optional)<br>Hand Strap (Optional)<br>Shoulder Strap (Optional)<br>Carry Bag (Optional)<br>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.