

## S55 Controller

Android Rugged  
Controller



# S55 TECHNICAL FEATURES

### SYSTEM

|                  |                         |
|------------------|-------------------------|
| CPU              | Qualcomm SM6115 2.0 GHz |
| Operating System | Android 12              |
| RAM              | 4 GB                    |
| FLASH            | 64 GB                   |
| Keyboard         | QWERTY 43 keys          |

### DISPLAY

|             |                |
|-------------|----------------|
| Screen Size | 5.5"           |
| Resolution  | 1920 x 1080 px |
| Brightness  | 500 Nits       |
| Touch Panel | Capacitive     |

### CAMERA

|      |       |
|------|-------|
| Rear | 13 MP |
|------|-------|

### DATA COMMUNICATION

|           |                                                                                                                                                  |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| GSM       | GSM: 850/900/1800/1900<br>WCDMA: B1/B2/B4/B5/B8<br>LTE-TDD: B34/B38/B39/B40/B41<br>LTE-FDD: B1/B2/B3/B4/B5/B7/B8/<br>B12/B13/B17/B20/B25/B26/B28 |
| Bluetooth | 5.0                                                                                                                                              |
| Wi-Fi     | 802.11a/b/g/n/ac                                                                                                                                 |

### SENSOR

|                      |                                        |
|----------------------|----------------------------------------|
| GNSS                 | Qualcomm GPS, GLONASS, BDS,<br>Galileo |
| Gyroscope            | Yes                                    |
| Compass              | Yes                                    |
| Accelerometer        | Yes                                    |
| Ambient light sensor | Yes                                    |

### INTERFACE

|         |                 |
|---------|-----------------|
| TF Slot | Support MicroSD |
| USB     | Type C          |
| GSM     | Nano SIM        |

### POWER SUPPLY

|                |                             |
|----------------|-----------------------------|
| Battery        | 9000 mAh                    |
| Operating time | Up to 18 hours <sup>1</sup> |
| Charging time  | 4 hours <sup>1</sup>        |

### PHYSICAL SPECIFICATIONS

|                       |                                         |
|-----------------------|-----------------------------------------|
| Dimensions            | 228 mm x 96 mm x 21 mm                  |
| Weight                | 420 g                                   |
| Operating Temperature | -20°C to 65°C (-4°F to 149°F)           |
| Storage Temperature   | -30°C to 70°C (-22°F to 158°F)          |
| Waterproof/Dustproof  | IP67                                    |
| Shock Resistance      | Designed to endure to a 1.2 m on marble |

### STANDARD ACCESSORIES

|                                                                              |
|------------------------------------------------------------------------------|
| Charger & 4 kinds of adapter, battery, hand-strap, touch pen, screen sticker |
|------------------------------------------------------------------------------|

### OPTIONAL ACCESSORIES

|              |
|--------------|
| Pole bracket |
|--------------|

1. Battery life and charging time depend on the user's scenario. Time may vary based on factors such as screen brightness, apps, software, power management, battery condition, etc.

Illustrations, descriptions and technical specifications are not binding and may change

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