

# E500QK

## 5" Qualcomm® Snapdragon™ 660 Android 9.0 Rugged Handheld Computer



### KEY FEATURES

- Qualcomm® Snapdragon™ 660 (Octa-core 2.2 GHz), Android 9.0 Rugged Handheld Computer
- 5" 1280 x 720 Panel with direct optical bonding
- IP67 waterproof and dustproof
- 8MP Front Camera / 13MP Rear Camera
- With 19 keypad include power key



### OVERVIEW



#### Powerful Computing Performance with Qualcomm®; Snapdragon®; 660

Gain high efficiency and versatility with the E500QK Rugged Tablet equipped with Qualcomm®; Snapdragon®; 660 Octa-core processor that delivers stable performance at superior power efficiency.



#### Built to Survive

Sealed to IP67, the E500QK rugged mobile computer is built to withstand harsh environments, protected against water and dust. Compliant with MIL-STD-810G, it can operate in extreme temperatures ranging from -30°C to 70°C and endure shocks and vibrations.



#### The Most Compact Rugged Solution for Mobile Workforce

Weighing only 370 grams, the E500QK is an ultra-compact, pocket-sized “rugged mobile computer for real-time communications, monitoring, and data capture.



#### Real-Time Data and Wireless Connectivity

Real-time data access to crucial information is vital for mobile workers. The E500QK offers WLAN and BT capabilities to enable robust communications anytime and anywhere. With a built-in 13MP rear camera, users can capture photos, videos, documents instantly or use the 8MP front camera for applications like video recording or video communications.



#### Make your cold chain logistics more productive

Smart temperature sensors automatically control heating and heating speed, PC type keyboard with heaters to prevent icing. Sealing rating: IP67.

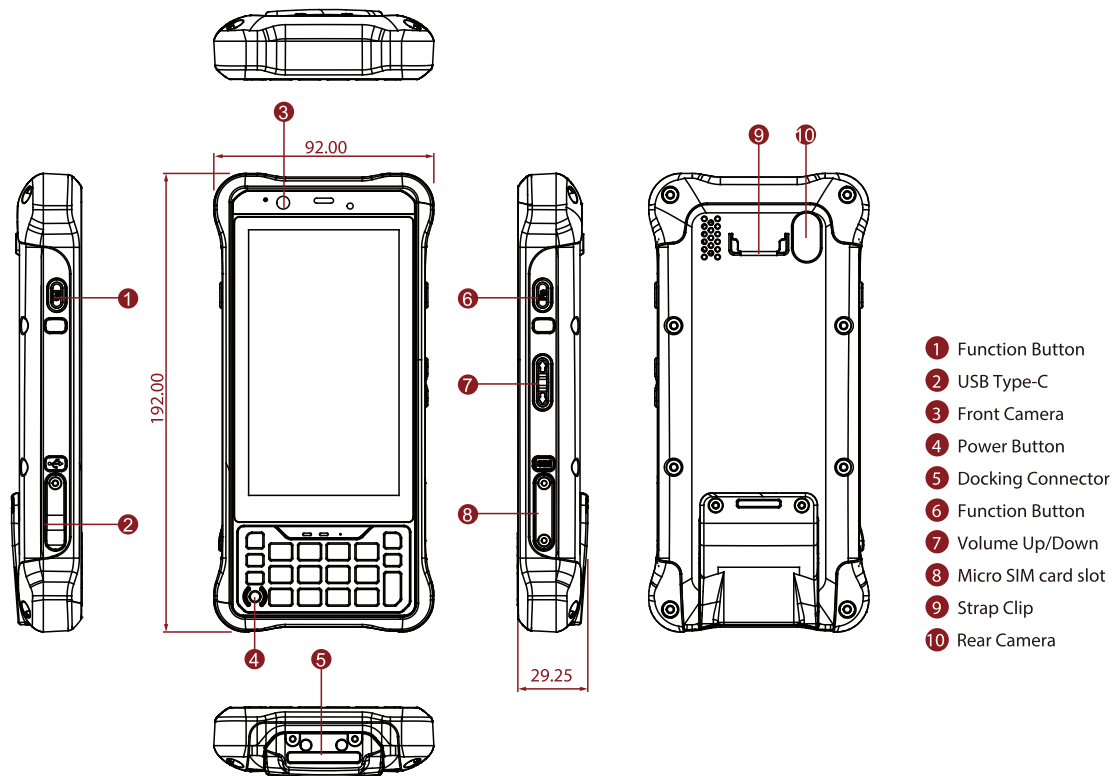
### SPECIFICATIONS

Display			
Resolution	1280x720	Size	5.0 inches
Contrast Ratio	800:1	Panel Brightness	500 nits

View Angles	80,80,80,80	Type	Projected Capacitive Multi Touch
Touch Mode	Support Hand / Gloves and Rain Mode	Bonding	Optical Bonding for Sunlight Viewability
System Specification			
Processor	Qualcomm® Snapdragon™ 660 (Octa-Core 2.2 GHz)	Memory	3GB
Storage	32GB	Operating System	Android 9.0
WLAN	Support	BT	Support
WWAN	4G/LTE (Optional)	GNSS	GPS/GLONASS
RFD	NFC (Read / Write, Peer to Peer mode) (Optional)	Sensors	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors
Camera			
Front Camera	8MP Camera	Rear Camera	13MP Camera with LED Auxiliary Light (Auto Focus)
Mechanical			
Dimension	192 x 92 x 29.25 mm	Weight	370g
IO Ports			
USB Port	1 x USB 3.0 Type C OTG (support charging)	SD Card Slot	1 x Internal non-accessible Micro SD Card Slot
Audio	1 x Built-in Mic 1 x Speaker	Indicator	1 x LED Indicator
Docking Connector	1 x Docking Connector		
Environment			
Operating Humidity	5% to 95% RH, Non-Condensing	Operating Temperature	-20°C to 60°C
Storage Temperature	-30°C to 70°C	Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	IP rating	IP67
Drop	MIL-STD-810H Method 516.8, 5 ft		
Certification			
Certification	CE, FCC		
Control			
Button	On-screen QWERTY Keyboard 1 x 19 Physical Keypad Include Power Key 1 x Volume +/-, 2 x Function Button		
Power			
Battery	3.7V 3900mAh Nonremovable Battery	Battery Operating Time	20Hr
Power Rating	5V	Adapter	5V 1A Adapter with USB TypeC
Security Function			
SOTI MobiControl	SOTI MobiControl Compliance		
Accessory			
Accessory	Universal Adapter USB Type-C Cable	Optional Accessory	Micro SD Card Desk Dock

DIMENSIONS

UNIT:MM



**NOTE**

1. Total usable memory will be less dependent upon actual system configuration.
2. Computrace theft protection is available upon request.
3. Length measurements do not include protrusions. Weight varies with options and a digitizer pen.
4. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
5. Accessories and integrated options may vary depending on your configuration.
6. This is a simplified drawing, and some components are not marked in detail.
7. 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.