M116TG
11.6" Windows Rugged Tablet with Intel® Core™ i5-1135G7

KEY FEATURES

- 11.6" 1920 x 1080, 850 nits IPS LED Panel with direct optical bonding
- Intel® Core™ i5-1135G7 Tiger Lake processor
- IP65 waterproof and dustproof, MIL-STD-810H shock, vibration and drop resistance
- Sunlight readable with antiglare solution
- Hot-swappable battery design
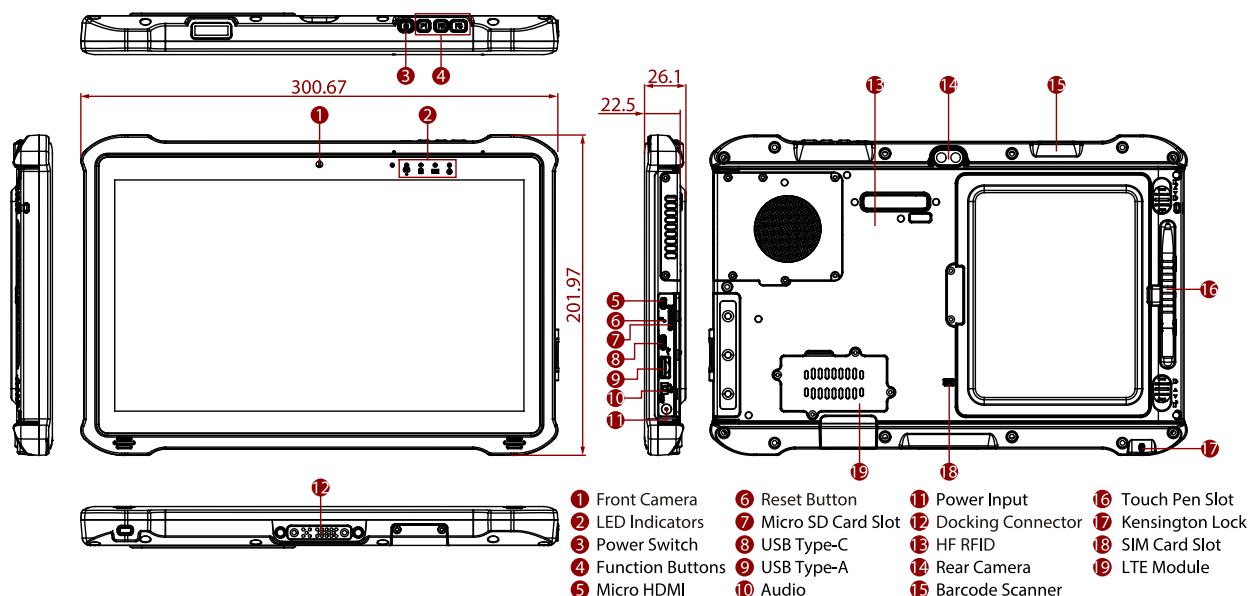- USB Type-C port support power delivery 20V In

CE FC IP65 COMPLIANT MIL-STD 461G COMPLIANT MIL-STD 810H

SPECIFICATIONS

Display

Bonding	Optical Bonding for Sunlight Viewability	**Resolution**	1920x1080
Size	11.6 inches	**Contrast Ratio**	1000:1
Panel Brightness	850.0 nits	**View Angles**	85,85,85,85
Type	Projected Capacitive Multi Touch	**Viewability**	Anti-Glare touch treatment
Touch Mode	Support Hand/Rain, Stylus, Glove Mode		

System Specification

Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	**Memory**	8GB DDR4 SDRAM 16GB DDR4 SDRAM (Optional) 32GB DDR4 SDRAM (Optional)
Storage	256GB M.2 NVMe SSD Additional storage available with micro SDXC card slot 512GB M.2 NVMe SSD (Optional) 1TB M.2 NVMe SSD (Optional) 2TB M.2 NVMe SSD (Optional)	**Security**	Trusted Platform Module (TPM) 2.0 Kensington Lock
Operating System	Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise SAC (64 bit) (Optional)	**WLAN**	Support
BT	Support	**WWAN**	4G LTE (Optional) 5G (Optional)
GNSS	GPS, GLONASS	**RFID**	HF RFID reader 13.56 MHz (Optional)
Sensors	Light sensor/ G-sensor / Gyro		

Camera

Front Camera	2MP Front Camera	**Rear Camera**	8MP Rear Camera with auto-focus and LED light

Mechanical

Dimension	300.67 x 201.97 x 22.5 mm	**Weight**	1.5 kg (3.3 lbs) with standard battery
Cooling System	Fan design		

IO Ports

USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type-C support Power Delivery 20V In)	**SD Card Slot**	1 x Micro SDXC slot
SIM Card Slot	1 x Micro SIM card slot	**Video**	1 x Micro HDMI (Optional)
Audio	1 x Audio combo 3.5mm audio combo jack Dual Digital Mic With Noise Cancellation	**LAN**	1 x RJ45-10/100/1000 GigaLAN port (Optional)
Indicator	4x LED Indicator for Power, Battery, HDD, RF	**Docking Connector**	1 x 19-pin docking connector

status

Environment

Operating Humidity	10% to 90% RH, non-condensing	Operating Temperature	-20°C to 60°C
Storage Temperature	-30°C to 70°C (-22°F to 158°F)	Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I	IP rating	IP65
Drop	MIL-STD-810H Method 516.8, 4 ft	EMC	MIL-STD-461G CE101, CE102, RE101, RE102, CS118 (Default) MIL-STD-461G CS101, CS114, CS115, CS116, RS101, RS103 (Optional)

Certification

Certification	CE, FCC

Security Function

SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock Support

Control

Button	1 x Power,3 x function keys

Power

Battery	Hot-swappable 11.55V, typ. 4558 mAh Li-Polymer Battery (3S2P)	Battery Operating Time	Standard. Battery: 8 hours
Power Rating	19V DC	Adapter	100-240V, 50-60Hz / 19V DC

Accessory

Accessory	Adapter and Power Cord Capacitive Stylus Standard Battery	Optional Accessory	Desk Dock (Optional) Vehicle Dock (Optional) Vehicle Cradle (Optional) Vehicle Charger (Optional) High Capacity Battery (Optional) Hand Strap (Optional) Shoulder Strap (Optional) Carry Bag (Optional)

Barcode Scanner

Barcode Scanner	1D/2D barcode reader (Optional)

DIMENSIONS   UNIT:MM

300.67
201.97
26.1
22.5

1 Front Camera	6 Reset Button	11 Power Input	16 Touch Pen Slot
2 LED Indicators	7 Micro SD Card Slot	12 Docking Connector	17 Kensington Lock
3 Power Switch	8 USB Type-C	13 HF RFID	18 SIM Card Slot
4 Function Buttons	9 USB Type-A	14 Rear Camera	19 LTE Module
5 Micro HDMI	10 Audio	15 Barcode Scanner	

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.

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