



# M116TG 11.6" Windows Rugged Tablet with Intel(R) Core(TM) i5-1135G7

Manufacturer part number: M116TG | Windows Rugged Tablets



Explore Winmate M116TG, a rugged tablet PC featuring Intel(R) Core(TM) i5-1135G7, 11.6-inch display with 1920x1080 resolution, IP65...

| Display              |                                                                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                 | 11.6 inches                                                                                                                                                     |
| Resolution           | 1920x1080                                                                                                                                                       |
| Type                 | Projected Capacitive Multi Touch                                                                                                                                |
| Panel Brightness     | 850.0 nits                                                                                                                                                      |
| Contrast Ratio       | 1000:1                                                                                                                                                          |
| View Angles          | 85,85,85,85                                                                                                                                                     |
| Bonding              | Optical Bonding for Sunlight Viewability                                                                                                                        |
| 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 (Default), 16GB (Optional), 32GB (Optional)                                                                                                                 |
| Storage              | 128GB SSD, Additional storage available with micro SDXC card slot (Default), 256GB SSD (Optional), 512GB SSD (Optional), 1TB SSD (Optional), 2TB SSD (Optional) |
| Security             | Trusted Platform Module (TPM) 2.0, Kensington Lock                                                                                                              |
| Operating System     | Windows 11 IoT Enterprise LTSC (64 bit) (Default), Windows 10 IoT Enterprise LTSC (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                                                                                                                                                                                                     |
| <b>IO Ports</b>          |                                                                                                                                                                                                                |
| USB Port                 | 1 x USB 3.0 (Type A), 1 x USB 3.0 (Type-C support Power Delivery 20V In)                                                                                                                                       |
| LAN                      | 1 x RJ45-10/100/1000 GigaLAN port (Optional)                                                                                                                                                                   |
| Video                    | 1 x Micro HDMI (Optional)                                                                                                                                                                                      |
| Audio                    | 1 x Audio combo 3.5mm audio combo jack, Dual Digital Mic With Noise Cancellation                                                                                                                               |
| SD Card Slot             | 1 x Micro SDXC slot                                                                                                                                                                                            |
| SIM Card Slot            | 1 x Micro SIM card slot                                                                                                                                                                                        |
| Indicator                | 4x LED Indicator for Power, Battery, HDD, RF status                                                                                                                                                            |
| Docking Connector        | 1 x 19-pin docking connector                                                                                                                                                                                   |
| <b>Environment</b>       |                                                                                                                                                                                                                |
| Operating Humidity       | 10% to 90% RH, non-condensing                                                                                                                                                                                  |
| Operating Temperature    | -20 deg C to 60 deg C                                                                                                                                                                                          |
| Storage Temperature      | -30 deg C to 70 deg C (-22 deg F to 158 deg F)                                                                                                                                                                 |
| Shock                    | MIL-STD-810H Method 516.8 Procedure I                                                                                                                                                                          |
| Vibration                | MIL-STD-810H Method 514.8 Procedure I                                                                                                                                                                          |
| Drop                     | MIL-STD-810H Method 516.8, 4 ft                                                                                                                                                                                |
| IP rating                | IP65                                                                                                                                                                                                           |
| EMC                      | MIL-STD-461G CE101, CE102, RE101, RE102, CS118 (Default), MIL-STD-461G CS101, CS114, CS115, CS116, RS101, RS103 (Optional)                                                                                     |
| <b>Certification</b>     |                                                                                                                                                                                                                |
| Certification            | CE, FCC                                                                                                                                                                                                        |
| <b>Security Function</b> |                                                                                                                                                                                                                |
| SOTI MobiControl         | SOTI MobiControl Compliance                                                                                                                                                                                    |
| Kensington Lock          | Kensington Lock Support                                                                                                                                                                                        |
| <b>Control</b>           |                                                                                                                                                                                                                |
| Button                   | 1 x Power, 3 x function keys                                                                                                                                                                                   |
| <b>Power</b>             |                                                                                                                                                                                                                |
| 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                                                                                                                                                                                     |
| <b>Accessory</b>         |                                                                                                                                                                                                                |
| 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) |
| <b>Barcode Scanner</b>   |                                                                                                                                                                                                                |
| Barcode Scanner          | 1D/2D barcode reader (Optional)                                                                                                                                                                                |