



# M133TG 13.3" Intel(R) Core(TM) i5--1135G7 Industrial Ultra Rugged Tablet

Manufacturer part number: M133TG | Ultra Rugged Tablets



Explore Winmate M133TG, a rugged tablet PC featuring Intel(R) Core(TM) i5-, 13.3-inch display with 1920x1080 resolution, IP65 for field service and inspection.

| Display              |                                                                                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                 | 13.3 inches                                                                                                                                                     |
| Resolution           | 1920x1080                                                                                                                                                       |
| Type                 | Projected Capacitive Multi Touch                                                                                                                                |
| Panel Brightness     | 500.0 nits                                                                                                                                                      |
| Contrast Ratio       | 1000:1                                                                                                                                                          |
| View Angles          | 89,89,89,89                                                                                                                                                     |
| Bonding              | Optical Bonding for Sunlight Viewability                                                                                                                        |
| 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)                                                                                                                                               |
| GNSS                 | GPS/GLONASS                                                                                                                                                     |
| RFID                 | HF RFID reader 13.56 MHz (Optional)                                                                                                                             |
| Mechanical           |                                                                                                                                                                 |
| Dimension            | 338.2 x 239.8 x 33.8 mm                                                                                                                                         |
| Weight               | 2.4 Kg (Without Kickstand),, 2.5 Kg (With Kickstand)                                                                                                            |
| Cooling System       | Fanless Design                                                                                                                                                  |
| IO Ports             |                                                                                                                                                                 |
| USB Port             | 3 x USB 3.0 Type A, 2 x USB 2.0 Type A, 1 x USB 3.0 Type C                                                                                                      |
| Serial Port          | 1 x RS232 (DB9)                                                                                                                                                 |
| LAN                  | 1 x RJ45-10/100/1000 Mbps LAN                                                                                                                                   |

|                               |                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Audio</b>                  | 2 x 1 watt speaker                                                                                                                                                        |
| <b>SD Card Slot</b>           | 1 x SDXC Slot                                                                                                                                                             |
| <b>Indicator</b>              | 4x LED Indicator for Power, Battery, SSD, RF status                                                                                                                       |
| <b>Docking Connector</b>      | 1 x Docking connector                                                                                                                                                     |
| <b>Environment</b>            |                                                                                                                                                                           |
| <b>Operating Humidity</b>     | 30% to 80% RH, non-condensing                                                                                                                                             |
| <b>Operating Temperature</b>  | -20 deg C to 60 deg C (-4 deg F to 140 deg F)                                                                                                                             |
| <b>Storage Temperature</b>    | -20 deg C to 60 deg C (-4 deg F to 140 deg F)                                                                                                                             |
| <b>Shock</b>                  | MIL-STD-810G Method 516.6 Procedure I                                                                                                                                     |
| <b>Vibration</b>              | MIL-STD-810G Method 514.6 Procedure I                                                                                                                                     |
| <b>Drop</b>                   | MIL-STD-810G Method 516.6 Procedure IV, 4 ft                                                                                                                              |
| <b>IP rating</b>              | IP65                                                                                                                                                                      |
| <b>EMC</b>                    | MIL-STD-461G CE101, CE102, RE101, RE102, CS118 (Default), MIL-STD-461G CS101, CS114, CS115, CS116, RS101, RS103 (Optional)                                                |
| <b>Certification</b>          |                                                                                                                                                                           |
| <b>Certification</b>          | CE, FCC                                                                                                                                                                   |
| <b>Security Function</b>      |                                                                                                                                                                           |
| <b>Kensington Lock</b>        | Kensington Lock Support                                                                                                                                                   |
| <b>Control</b>                |                                                                                                                                                                           |
| <b>Button</b>                 | 1 x Power, 1 x menu, 2 x volume key, 3 x Programmable Function Keys                                                                                                       |
| <b>Camera</b>                 |                                                                                                                                                                           |
| <b>Rear Camera</b>            | 8MP Rear Camera with auto-focus and LED light                                                                                                                             |
| <b>Power</b>                  |                                                                                                                                                                           |
| <b>Battery</b>                | 15.4V, typ. 5900 mAh Li-Polymer Battery (4S1P) (Default), Hot-Swap Battery (Optional)                                                                                     |
| <b>Battery Operating Time</b> | More than 10 hours (BAPCo TabletMark v3)                                                                                                                                  |
| <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 , Standard Battery , Stand with Integrated Handle                                                                                                  |
| <b>Optional Accessory</b>     | Vehicle Charger (Optional), Battery Charger (Optional), Desk Docking (Optional), Vehicle Dock (Optional), Stylus (Optional), Shoulder Strap (Optional), Handle (Optional) |
| <b>Barcode Scanner</b>        |                                                                                                                                                                           |
| <b>Barcode Scanner</b>        | 1D/2D barcode reader (Optional)                                                                                                                                           |