



# P400M9-DMRBH 4" Multi-mode PoC Radio with Barcode Reader

Manufacturer part number: P400M9-DMRBH | Handheld Computers



Explore Winmate P400M9-DMRBH, an industrial computer solution featuring 4-inch display with 800x480 resolution for industrial automation and embedded systems.

| Display              |                                                             |
|----------------------|-------------------------------------------------------------|
| Size                 | 4.0 inches                                                  |
| Resolution           | 480x800                                                     |
| Type                 | Projected Capacitive Multi Touch                            |
| Panel Brightness     | 550.0 nits                                                  |
| Contrast Ratio       | 800:1                                                       |
| View Angles          | 80,80,80,80                                                 |
| Bonding              | Optical Bonding for Sunlight Viewability                    |
| Radio Transceiver    |                                                             |
| Channel Spacing      | DMR: 12.5kHz, Analog: 12.5/25kHz                            |
| TX Power             | 4W/0.5W                                                     |
| RX Sensitivity       | <=-121dBm                                                   |
| Digital Vocoder Type | AMBE                                                        |
| Frequency Range      | VHF:136~174MHz or UHF:400~480 MHz                           |
| System Specification |                                                             |
| Processor            | ARM A73 x 4 (2.0 GHz) + A53 x 4 (2.0 GHz)                   |
| Memory               | 4GB                                                         |
| Storage              | 64GB                                                        |
| Operating System     | Android 11.0                                                |
| WLAN                 | Support                                                     |
| BT                   | Support                                                     |
| WWAN                 | 4G/LTE (Optional)                                           |
| GNSS                 | GPS/AGPS                                                    |
| RFID                 | 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)           |

|                          |                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------|
| <b>Mechanical</b>        |                                                                                        |
| Dimension                | 156.56 x 75 x 26 mm                                                                    |
| Weight                   | 370g                                                                                   |
| <b>IO Ports</b>          |                                                                                        |
| USB Port                 | 1 x USB Type C OTG, (support PD 2.0 charging)                                          |
| Audio                    | 1 x Kenwood Audio Combo connector (Mic in or Line Out), 1 x Built-in Mic, 1 x Speaker, |
| SD Card Slot             | 1 x Micro SD Card Slot                                                                 |
| SIM Card Slot            | 1 x Micro SIM Card Slot                                                                |
| Indicator                | 1 x LED Indicators, (Power, Battery)                                                   |
| Docking Connector        | 1 x Docking Connector                                                                  |
| <b>Environment</b>       |                                                                                        |
| Operating Humidity       | 5% to 95% RH, Non-Condensing                                                           |
| Operating Temperature    | -20 deg C to 60 deg C                                                                  |
| Storage Temperature      | -30 deg C to 70 deg C                                                                  |
| 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                                                                                   |
| <b>Certification</b>     |                                                                                        |
| Certification            | CE, FCC                                                                                |
| <b>Control</b>           |                                                                                        |
| Button                   | 1 x Power Button, 3 x Function Button, 1 x PTT Button, 1 x SOS Button                  |
| <b>Power</b>             |                                                                                        |
| Battery                  | 7.6V 2700mAh                                                                           |
| Battery Operating Time   | 8Hr                                                                                    |
| Power Rating             | 15V                                                                                    |
| Adapter                  | 15V PD Adapter with USB TypeC                                                          |
| <b>Security Function</b> |                                                                                        |
| SOTI MobiControl         | SOTI MobiControl Compliance                                                            |
| <b>Accessory</b>         |                                                                                        |
| Accessory                | Universal Adapter, Battery                                                             |
| Optional Accessory       | USB Type-C Cable, Micro SD Card, Charging Dock 2 bay, Charging Dock 6 bay              |
| <b>Barcode Scanner</b>   |                                                                                        |
| Barcode Scanner          | 1D/2D Barcode Reader (Optional)                                                        |