

Medical Tablets



| Model | | MIT-W101 | MICA-053 | AIM-55 | AIM-58 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Physical Characteristics | Dimensions (W x H x D) | 292 x 196 x 20 mm (11.5 x 7.7 x 0.79 inch) | 82 x 161 x 22 mm | 142 x 240 x 14.5mm | 280 x 18.3 x 180.1 mm |
| | Weight | 1.1 kg (Base Configuration)/ 2.4 lb | 253 g with battery | 590g | 980g |
| Display | Size | 10.1" | 5" | 8" | 10" |
| | Touch Panel | 10-point Projected CapacitiveTouch | Capacitive touch | *EETI EXC3146, 10-fingers support | Corning Gorilla Glass 3 with 10-point P-CAP touch control |
| | Display Type | 10.1" TFT LCD Panel, Enhanced Class | 5" LCD | WUXGA, IPS, 400nits | WUXGA, FHD LCD |
| | Max. Resolution | 1280 x 800 | 1280 x 720 | 1200x1920 | |
| Computing System | CPU | Intel® Celeron® Processor N2930, Quad Core 1.83GHz | Cortex™-A53, Quad-core, 1.3 GHz | Intel Atom x5-Z8350 quad-core, 1.44GHz (up to 1.92 GHz) | Intel Atom x7-Z8750 quad-core, 1.6 Ghz (2M cache, up to 2.56 Gche) |
| | Memory | DDR3L 1066MHz SODIMM (Default 4GB, up to 8GB) | 2 GB | 2GB/4GB, DDR3L-RS 1600 | 4 GB LPDDR3 (up to 8 GB) |
| | Operating System | Microsoft Windows Embedded 8 , Win10 LTSB | Android 5.1 | Win10 IoT Enterprise / Android 6.0 | |
| Storage | HDD | SSD:mSATA SSD x1 (Default 64GB, up to 128GB) | 16 GB | 32GB eMMC (Max: 64GB) | 64 GB default (up to 128 GB) |
| Communications | WiFi | Wireless IEEE 802.11a/b/g/n | IEEE 802.11 a/b/g/n, 2.4GHz/5GHz | 802.11 b/g/n | 802.11a/b/g/n/ac |
| | Bluetooth | Bluetooth v4.0 CLASS II | Bluetooth V4.1 BLE | BT4.0 | BT4.1 |
| | GPS | - | GPS, GLONASS, Galileo, and BeiDou | Huawei ME936 + AGPS (GPS/ GLONASS) | Standalone GPS supports GLONASS, BeiDou |
| | NFC | Read/Write device compatible with ISO15693, ISO14443A, ISO14443B, Felica | 13.56MHz RFID Compatible with ISO 15693, ISO 14443A/B, | NXP NPC100 | NXP NPC100 |
| Audio | Internal speaker x1, Internal mono microphone x1 | Internal speaker x1, Internal mono microphone x1 | x2 Buitd-In Digital MIC x1 80dB 1Watt SPK 0.5M | 2 x internal speakers 1 x audio combo jack | |
| Connectivity | I/O Ports | ombAudio x1, USB 3.0 x1, USB 2.0 x1, Micro HDMI x1, DC Jack x1, Expansion Port x1, Docking Port x1 | 1 x Micro USB 2.0 client (via charging cable) | x1 Audio combo Jack, x1 Micro HDMI CONN, x1 Micro-SIM + Micro-SD (Double tray) | 1 x micro HDMI, 1 x USB 3.0, 1 x combo audio jack, 1 x 19 VDC-in jack, 1 x SIM card reader, 1 x micro SD card reader |
| | Camera | 2.0M Fixed Focus camera at front, 5.0M Auto Focus camera with LED flash at rear | 1 x 13 MP camera with LED flash and auto focus | Front: 2MP Rear: 5MP, Auto Focus | |
| | Barcode Scanner | 2D Barcode scanner (Optional) | 1D/2D | 2D Barcode scanner (Optional) | |
| Control Buttons | Power button, Programmable button x2 | 3 x Function keys, 1 x Power button , 2 x Scanner trigger buttons | - | - | |
| Power | ACAdapter In | 100 – 240V ~ 1.5A 50/60 Hz | 100-240V, 50~60Hz, 0.35A | 100-240V, 47~63Hz, 0.8A | 100-240 V ~ 1.5 A 50/60 Hz |
| | ACAdapter Out | 18V, 3.5A, Max 63W | 5V, 2A | 5V, 3A, 15W 9V, 2A, 18W | 19 V, Max. 65 W |
| | Battery Type | Lithium-ion standard battery | Lithium-polymer battery (Non-swappable) | Lithium-ion battery | |
| | Battery Capacity | Main Battery: 31.7Whrs (11.1V 2860mAh), Extended Battery: 49Whrs (11.1V 4540mAh) (Optional) | 3.8V 3600mAH | 3.8V, 4900mAh, 18.62Wh. | 26Wh |
| Ingress Protection | Dust/Water Resistance | IP-65 | IP-54 | IP65 | |
| Environment | Temperature | Operating: -10°C/ +14°F ~ +50°C/ +122°F Storage: -30°C/ -22°F ~ +70°C/ +158°F | Operating: -20°C/ -4°F ~ +60°C/ +140°F (0 ~ 40 °C/32 ~ 104 °F when charging) Storage: -30°C/ -22°F ~ +70°C/ +158°F | -10°C ~ +50 °C | |
| | Humidity | Operating & Storage: 5% ~ 95% @40°C/104°F non-condensing | - | 10% ~ 90% @ 30°C non-condensed | |
| | Shock Resistance | Operating: 20 G, 11 ms, Non-operating: 40 G, 11ms | - | Operating: Half sine wave shock: 30G, 11 ms duration Non-operating: Half sine wave shock: 100G, 6 ms duration | |
| | Handling Drop | 4ft drop onto steel plate, 4ft drop onto 2inch plywood over concrete (MIL-STD 810G), 6ft drop with add-on bumper | 1.2M | 4 feet drop onto Plywood & concrete , MIL-STD-810G Method 516.6 procedure IV (W/O add-on module) | |
| Certifications | FCC Class B, CE, CB, IEC/ EN60601-1 uL/RED/TUV/SAR | CE/FCC/CCC | CE/FCC/CCC ClassB RCM/VCCI UL60950/CB/CC/BSMI/EN60601-1/EN1789 (AIM55 Available) | | |
| Optional Module & Accessories | Expansion Module (MSR+ Smart Card Reader), Docking Station, Rugged Bumper, 3-in-1 Multifunction Cover, X-type Strap, Shoulder Strap, Stylus Pen, Extended Battery | - | 20 degree barcode, 70 degree barcode, VESA Dock & Stand Lan & Com, Multi Tablet charging station, Multi Battery charging station , Stylus, Hand strap / Shoulder strap | | |