

MH-5106

› 10.1" Integrated Pad with Android OS
(ARM Cortex A9 R4 CPU) / 2GB DDR3L / 32GB eMMC /
Android 5.1 OS



Features



- Stylish ID design
- High performance and low power consumption design with Android OS (ARM Cortex A9 R4 CPU) / 2GB DDR3L / 32GB eMMC
- High capacity (8 hours) and removable battery design
- 10.1" LCD panel with P-Cap touch 1280 x 800 resolution / 30,000 hours lifetime
- Multi-function applications (supports 2D barcode scanner / rear camera 5M / Wi-Fi / Bluetooth® / NFC / 3G) / MSR / smart card reader with EMV level 1 & 2
- Light weight design (838 g)
- Drop test 1.2m & IP54 (front panel) design
- Android 5.1.1

Tablet Specifications



| | |
|------------------------|--|
| CPU Support | Actions S500 (ARM Cortex R4 A9 CPU) |
| CPU Frequency | 1.3GHz |
| Display | 10.1" TFT LCD display Resolution: 1280 x 800 Aspect ratio: 16:10 Touch: P-Cap multi-touch |
| Brightness | 400 cd/m ² |
| O.S. Support | Android 5.1.1 |
| Memory | 1GB / 2GB DDR3L |
| Flash | 16GB / 32GB / 64GB eMMC |
| Speaker | 1W |
| Power Requirement | DC 12V |
| G-Sensor | Yes |
| Dimensions (W x H x D) | 267.84 x 188.5 x 25.2 mm |
| Weight | 838 g (Pad only) |
| Certifications | CE / FCC |
| Capacity | 3.7V, 7900mAh |
| Battery Operation | Up to 8 hours (refer to JEITA battery run time measurement) |
| 3G | 3.75G HSPA Cellular Modules 800/850/900/1900/2100 MHz (optional) |
| Network (wireless) | Wi-Fi (802.11 b/g/n) Bluetooth® 4.0 |
| Barcode Scanner | 2D barcode scanner (optional) |
| Camera | Rear camera 5M pixels (optional) |
| NFC | NFC module (optional) - ISO/IEC 14443, ISO/IEC 1443B PCD designed according to NFC Forum digital protocol T4T platform and ISO-DEP / EMVCo PICC |
| MSR | SecureHead MSR (optional) |
| Smart Card Reader | Smart card reader (optional) (meet ISO 7816 & EMV level 1 & 2 certification) |

Tablet I/O Ports

| | |
|-------------------|---|
| SD | microSD™ card slot (up to 32GB) |
| SIM | 3G Micro SIM card slot |
| USB | Standard USB type A x 1 for external USB device |
| Audio Jack | Headset jack |
| Cradle Connectors | POGO pin for USB 2.0 x 1 / power x 1 |
| DC Jack | DC 12V/2A |

*All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information.

Lite Cradle Specifications

| | |
|-------------------------------|--|
| Cradle Connector | POGO pins (1 x 10 pins) |
| Kensington Security Lock Slot | Lock slot x 1 |
| Lock Switch | Lock switch x 1 used to fix Integrated Pad and Lite Cradle |
| AC Power Adapter | 12V/5A/60W AC power adapter |
| Weight | 858 g |
| Dimensions (W x H x D) | 220 x 131.65 x 217.23 mm |

Lite Cradle I/O Ports

| | |
|-----------------------------|--|
| DC In Jack | DC 12V IN (pin's $\phi=2.5$ mm) x 1 |
| USB Ports | USB: Dual standard type A USB 2.0 ports |
| Serial Ports | COM: RJ-45 with 12V/5V/RI x 1; COM: D-Sub 9 with 12V/5V/RI x 1 |
| LAN Port / Cash Drawer Port | LAN: 10/100 Mbps, RJ-45 x 1 / DRW: RJ-11 with 12V/1A x 1 |

Battery Charger Specifications

| | |
|------------------------|-------------------------------------|
| Cradle Connector | POGO pins (1 x 10 pins) x 2 |
| DC In Jack | DC 12V IN (pin's $\phi=2.5$ mm) x 2 |
| AC Power Adapter | 12V/3.3A/40W AC power adapter |
| Weight | 292 g |
| Dimensions (W x H x D) | 170 x 65 x 84 mm |

Environment

| | |
|-----------------|--|
| Operation Temp. | 0°C~40°C (32°F~104°F) |
| Storage Temp. | -20°C~60°C (-4°F~140°F) |
| Humidity | Operation humidity 10%~90%; Storage humidity 10%~95% |

Highlights



Dimensions

