

MH-5100

› 10.1" Integrated Pad with Intel® Atom™ Z3735F Quad Core™ CPU (1.33GHz up to 1.83GHz) / 2GB DDR3L / eMMC 32GB or 64GB / Windows 10 IoT Enterprise LTSB 2016 OS (32 bits)

NEW



Features



- Stylish ID design
- High performance and low power consumption design with Intel® Atom™ Z3735F Quad Core™ CPU (1.33GHz up to 1.83GHz) / 2G DDR3L / eMMC 32GB or 64GB)
- High capacity (8 hours) and removable battery design
- 10.1" LCD panel with P-CAP touch 1280x800 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
- Windows 10 IoT Enterprise LTSB 2016 OS (32 bits)

Tablet Specifications



CPU Support	Intel® Atom™ Z3735F Quad Core™
CPU Frequency	1.33GHz up to 1.83GHz
Display	10.1" 1280 x 800
O.S. Support	Windows 10 IoT Enterprise LTSB 2016 OS (32 bits)
Memory	DDR3L 2GB
Flash	32GB / 64GB eMMC
Speaker	1W
Power Requirement	DC 12V
G-Sensor	Yes
Dimensions (WxHxD)	267.84 x 188.5 x 25.2 mm
Weight	838 g (Pad only)
Certifications	FCC / CE
Capacity	3.7V, 7900mAh
Battery Operation	8 hours (refer to JEITA battery run time measurement)
3G	Supports 3.75G for data transmission (optional, USB port co-layout with smart card reader)
WiFi + BT	802.11 b/g/n, Bluetooth 4.0
Barcode Scanner	2D barcode scanner (optional)
Camera	Rear camera 5M pixels (optional)
NFC	NXP NPC300 (optional)
MSR	SecureHead MSR (optional)
Smart Card Reader	Smart card reader (optional, USB port co-layout with 3G) (meet ISO 7816 & EMV Level 1 & 2 certification)

Tablet I/O Ports

SD	Micro SD up to 32GB
SIM	3G SIM card
USB	Standard USB type A x 1 for external USB device
Audio Jack	φ3.5 mm
Cradle Connectors	POGO pin for USB x1 / power x1
DC Jack	DC 12V

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

Life 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

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

Highlights



Dimensions

