



MACTRON
GROUP

MTG MTP Line
MCA Series Sales Kits Roadmap Update Q3 2023

Agenda

- ◆ Key Features
- ◆ Target Application
- ◆ Specification
- ◆ Optional Accessory
- ◆ Road Map

Overview



MCA0406

4" Commercial Grade Android Mobile Tablet PC



- 4" Android 11.0 System with GMS
- Qualcomm® Snapdragon™ 662 Octa Core
- 6700mAh Capacity, Li-ion Battery (Removable)
- 2G, 3G, 4G LTE
- IP65, 1.8m Drop Test
- Support UHF RFID Module

MCA0522

5.2" Commercial Grade Android Mobile Tablet PC



- 5.2" Android 11.0 System with GMS
- MTK MT6737 Octa Core
- 5000mAh Capacity, Li-ion Battery
- 2G, 3G, 4G LTE
- IP65, 1.8m Drop Test
- Support Fingerprint, UHF RFID Module

MCA0556

5.5" Commercial Grade Android Mobile Tablet PC



- 5.5" Android 11.0 System with GMS
- Qualcomm® Snapdragon™ 662 Octa Core
- 5200mAh Capacity, Li-ion Battery (Removable)
- 2G, 3G, 4G LTE
- IP65, 1.8m Drop Test
- Support Fingerprint, UHF RFID Module

MCA0806

8" Commercial Grade Android Mobile Tablet PC



- 8" Android 9 System with GMS
- Qualcomm® Snapdragon™ 450 Octa Core
- 8000mAh Capacity, Li-ion Battery
- 2G, 3G, 4G LTE
- IP65, 1.5m Drop Test
- Support Fingerprint, UHF RFID Module

Application & Feature – MCA0406

Perfectly fulfill applications in logistics, warehousing, manufacturing, retail, asset management, etc.



MCA0406 4" Multiple Functions Tablet

Android 11.0, Qualcomm MSM8953

6700mAh Large Capacity Battery

You don't have to worry your business would be interrupted by power off anymore



12 hours

Full Range of Data Collection Functions

NFC, 2D barcode scanner (optional: UHF RFID)

Application & Feature – MCA0522

Ideally deployed in logistics, retail, warehousing, etc.



Ticket Validation



Mobile Ordering



Inventory Management



Ticket Validation



Digital Signature



**MCA0522 5.2" Multiple
Functions Tablet**

Android 11.0, MT6763

5000mAh Large Capacity Battery

You don't have to worry your business would be interrupted by power off anymore



12 hours

Full Range of Data Collection Functions

NFC, 2D barcode scanner (optional: UHF RFID, HF RFID, PSAM, Fingerprint, Iris)

Application & Feature – MCA0556

Perfectly fulfill applications in logistics, warehousing, manufacturing, retail, asset tracking, etc.



**MCA0556 5.5" Multiple
Functions Tablet**

Android 11.0, Qualcomm MSM8953

5200mAh Large Capacity Battery

You don't have to worry your business would be interrupted by power off anymore



12 hours

Full Range of Data Collection Functions

NFC, 2D barcode scanner (optional: UHF RFID)

Application & Feature – MCA0806

Easy-to-deploy device a valuable helper to increase productivity in retail, logistics, warehousing, identity verification, meter reading, etc.



MCA0806 8" Multiple Functions Tablet

Android 9.0, Qualcomm MSM8953

8000mAh Large Capacity Battery

You don't have to worry your business would be interrupted by power off anymore

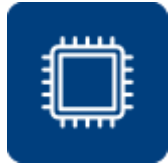


10 hours

Full Range of Data Collection Functions

NFC (optional: 2D barcode scanner, UHF RFID, HF RFID, InfraRed, PSAM, Fingerprint, Iris)

Key Feature – MCA0406



Qualcomm
Octa-core 1.8GHz



Android 11 OS
GMS



6700mAh
removable main
battery (12 hours)



Optional main
keyboard
(27, 37 or 47keys)



NFC



2D barcode
scanner



Optional UHF RFID



Optional charging
scan trigger
(extended
5200mAh battery)



2G, 3G, LTE



Dual-band Wi-Fi

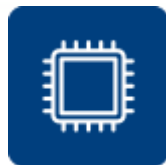


13MP autofocus
camera



IP65
1.8m drop

Key Feature – MCA0522



Cortex-A53
Octa-core 2.5GHz



Android 11 OS
GMS



5000mAh
rechargeable main
battery (12 hours)



2D barcode
scanner



Optional
Internal UHF RFID



Fingerprint



NFC



2G, 3G, LTE



Dual-band Wi-Fi

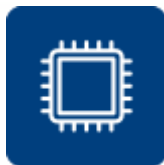


13MP autofocus
camera



IP65
1.8m drop

Key Feature – MCA0556



Qualcomm
Octa-core 1.8GHz



NFC



2G, 3G, LTE



Android 11 OS
GMS



2D barcode
scanner



Dual-band Wi-Fi



4300mAh
removable main
battery (12 hours)



Optional UHF RFID



13MP autofocus
camera



Optional UHF RFID
charging scan
trigger

















Optional charging
scan trigger
(extended
5200mAh battery)



IP65
1.8m drop

Key Feature – MCA0806

	Qualcomm Octa-core 1.8GHz		NFC		2G, 3G, LTE
	Android 9.0 OS GMS		Optional 2D barcode scanner		Dual-band Wi-Fi
	8000mAh rechargeable main battery (10 hours)		Optional UHF RFID, HF RFID		13MP autofocus camera
	Optional UHF RFID charging scan trigger		Fingerprint	 RUGGED	IP65 1.5m drop
	Optional charging scan trigger (extended 5200mAh battery)		Iris		

Optional Accessories – MCA0406

Optional Accessory



ABAT040
Removable Battery



ACHAB04
Battery Charger
(2 slots)



ATRI040
Charging Scan
Trigger



ATRIB04
Scan Trigger
Battery



Optional Module



KeyPad
27 keys



KeyPad
37 keys



KeyPad
47 keys



External UHF RFID



4" MCA0406 Model

27/37/47 Keypad Configurations

Optional Accessories – MCA0522

Optional Module



Internal UHF RFID



Capacitive Fingerprint



Optical Fingerprint



5.2" MCA0522 Model
Versatile Data Collection Modules

Optional Accessories – MCA0556

Optional Accessory



ABAT055
Removable Battery



ACHAB55
Battery Charger
(4 slots)



ATRI055
Charging Scan
Trigger



ATRIB05
Charging Scan
Trigger Battery



4G
LTE



NFC
NFC Module



Barcode
Scanner



IP65



5.5" MCA0556 Model
Versatile Data Collection Modules

Optional Module



Capacitive Fingerprint
Module (Optional)



Internal UHF
RFID Module
(Optional)



External UHF
RFID Reader
(Optional)



Volume Measurement
Module (Optional)

Optional Accessories – MCA0806

Optional Accessory



ATR1080

Charging Scan Trigger

Optional Module



Barcode Scanner



Internal UHF RFID



External UHF RFID



Capacitive Fingerprint



Optical Fingerprint



4G LTE



NFC Module



Barcode Scanner



Fingerprint Module



UHF RFID



Infrared



IR Recognition



IP65

8" MCA0806 Model
Versatile Data Collection Modules

Optional Module and Accessory

Modules

	NFC Module	2D Barcode Scanner	Internal UHF RFID	External UHF RFID	Fingerprint	Front Camera	Rear Camera
MCA0406	✓	✓		☒			✓
MCA0522	✓	✓	☒		☒	☒	✓
MCA0556	✓	✓	☒	☒	☒		✓
MCA0806	✓	☒	☒	☒	☒	✓	✓

Accessories

	Charging Cradle	Main Battery (Removable)	Main Battery Charger	Charging Scan Trigger	UHF RFID Charging Scan Trigger	Trigger Battery
MCA0406	✓	☒	☒	☒		☒
MCA0522	✓					
MCA0556	✓	☒	☒	☒	☒	☒
MCA0806				☒		

(Standard : ✓ , Optional : ☒)

Product Comparison

Company	MACTRON GROUP				Zebra			Honeywell			
Model name	MCA0406	MCA0522	MCA0556	MCA0806	TC25	TC56	MC3300	CT40	EDA51	EDA60K	EDA50K
CPU	Qualcomm Octa-core 1.8GHz	Cortex-A53 Octa-core 2.5GHz	Qualcomm Octa-core 1.8GHz	Qualcomm Octa-core 1.8GHz	Cortex-A53 8-core 1.4GHz	Cortex-A72 Hexa-core 1.8GHz	Qualcomm Hexa-core 1.8GHz	Qualcomm Octa-core 2.2GHz	Qualcomm Octa-core 1.8GHz	Qualcomm Quad-core 1.4GHz	Qualcomm Quad-core 1.2GHz
OS	Android 9.0	Android 8.1	Android 9.0	Android 9.0	Android Nougat 7.X	Android 7.0 Nougat	Android 8.1	Android 7.1 or 8.1	Android 8.1 or 10	Android 7.1	Android 4.4
GMS	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No
Memory / Storage	3GB / 32GB	3GB / 32GB	3GB / 32GB 4GB / 64GB	3GB / 32GB 4GB / 64GB	2GB / 16GB	2GB / 16GB 4GB / 32GB	2GB / 16GB 4GB / 16GB 4GB / 32GB	2GB / 32GB 4GB / 32GB	2GB / 16GB 4GB / 32GB	2GB / 16GB	2GB / 8GB
Extended memory	128GB Micro SD card	128GB Micro SD card	128GB Micro SD card	128GB Micro SD card	128GB Micro SD card	128GB Micro SD card	256GB Micro SD card	512GB Micro SD card	No	32GB Micro SD card	32GB Micro SD card
Battery	6700mAh	5000mAh	4300mAh	8000mAh	3000mAh	4150mAh	2740mAh or 5200mAh	4040mAh	4000mAh	5100mAh	4000mAh

Product Comparison

Company	MACTRON GROUP				Zebra			Honeywell			
Model name	MCA0406	MCA0522	MCA0556	MCA0806	TC25	TC56	MC3300	CT40	EDA51	EDA60K	EDA50K
Keypad	27 or 37 or 47 keys	No	No	No	No	No	29 keys	No	No	30 keys	26 keys
Expansion slot	1 SIM card + 1 TF card	1 SIM card + 1 SIM or TF card	1 SIM card + 1 SIM or TF card	1 SIM card + 1 SIM or TF card	1 Nano SIM	1 Nano SIM	No	No	No	No	No
Ingress protection	IP67	IP65	IP65	IP65	IP65	IP65	IP54	IP64	IP64	IP64	IP54
Drop	1.8m	1.8m	1.8m	1.5m	1.2m	1.2m	1.5m	1.2m	1.2m	1.5m	1.2m
Rear camera	13 MP Autofocus with flash	13 MP Autofocus with flash	13 MP Autofocus with flash	13 MP Autofocus with flash	8 MP Autofocus with flash	13 MP	13 MP with flash	13 MP Autofocus	13 MP	No	5 MP Autofocus with flash
Front camera	No	5MP (optional)	No	8MP	No	No	No	No	No	No	No
NFC	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes

Supplementary information – WWAN, Certification

WWAN:

MCA0406		MCA0522			MCA0556		MCA0806	
Europe, Asia	America	Europe	America	China	Europe, Asia	America	Europe, Asia	America
2G: 850/900/1800/ 1900MHz 3G: CDMA EVDO: BC0 WCDMA: 850/900/1900/ 2100MHz TD-SCDMA: A/F (B34/B39) 4G: B1/B3/B5/B7/B8/ B20/B38/B39/B40/ B41	2G: 850/900/1800/ 1900MHz 3G: 850/900/1900/ 2100MHz 4G: B2/B4/B5/B7/B12/ B17/B38	2G: 850/900/1800/190 0MHz 3G: B1,B2,B4,B5,B8 4G: B1,B3,B5,B7,B8,B2 0,B40	2G: 850/900/1800/190 0MHz 3G: B1,B2,B4,B5,B8 4G: B2,B4,B7,B12,B17, B25,B66	2G: 900/1800MHz 3G: WCDMA: B1,B8 CDMA2000 EVDO: BC0 TD-SCDMA: B34,B39 4G: B1,B3,B5,B8,B34, B38,B39,B40,B41	2G: 850/900/1800/ 1900 MHz 3G: CDMA EVDO: BC0 WCDMA: 850/900/1900/ 2100MHz TD-SCDMA: A/F (B34/B39) 4G: B1, B3, B5, B7, B8, B20, B38, B39, B40, B41	2G: 850/900/1800/ 1900 MHz 3G: 850/900/1900/ 2100 MHz 4G: B2, B4, B5, B7, B12, B17, B38	2G: B3/B5/B8 3G: CDMA EVDO: BC0 TD-SCDMA: B34/B39 WCDMA: B1/B5/B8 4G: TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8/ B20	3G: B2/B4/B5 4G: B2/B4/B5/B7/B12/ B13/B17/B28

Certification:





MACTRON GROUP