



Topwise

# TOPWISE T1

Android Smart POS

Facilitate Payment & Commerce



Print



Dual Camera



QR



Mobile  
Payment



Fingerprint  
Module



Charging  
Base



PCI 6



EMV 3.0

Excellent industrial design

Latest standard & compatibility

Supports omni-channel payments

Large battery, easily removable for replacement

5.0"HD Full screen



# T1 Standard Configurations

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## OS

AOS (Android 7.0)

## Display

5.0" HD 1280\*720 IPS  
Capacitive Multi-Touch Screen

## Fingerprint (optional)

Semi-conducting capacitive  
FBI and STQC certified

## Smart Card Reader

Compliance with EMV,  
ISO7816

## Positioning

GPS/GLONASS/BEIDOU

## Physical

194.7\*80\*62.3 mm  
415g (including battery)

## Audio

Speaker x 1

## Processor

AP:64-bit Quad-Core Cortex A53 1.3GHz  
SP:32-bit RISC Core (ARMv7-M)

## Printer

Print speed: 80mm/s  
Paper roll: 58\*40mm

## Accessory

USB Type-C charging base(optional)  
Cradle for charging and  
Ethernet(optional)

## Magnetic Card Reader

Triple Track,Dual-Directional  
Compliance with ISO7810,7811,7812

## Mobile Network

4G: TD-LTE/FDD-LTE  
3G: WCDMA  
2G: GPRS/GSM

## Physical Key

On/Off x 1  
Function x 1

## Ports

USB Type C x 1

## Memory

1GB RAM+8GB Flash  
2GB RAM +16GB Flash(optional)

## Camera

2 MP Front-Facing  
5 MP Rear-Facing

## Card Slots

TF Card x 1  
SIM Card x 2 + PSAM x 1 or  
SIM Card x 1 + PSAM x 2

## Contactless Card Reader

Type A/B,Mifare  
Compliance with EMV3.0,ISO14443

## Wireless

Wi-Fi 2.4GHz/5GHz  
Bluetooth 4.2(BLE )

## Power

Battery: 3.8V/4000mAh  
Adapter: 5V/2A

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194.7\*80\*62.3 mm  
415g (including battery)

## Audio

Speaker x 1

## Processor

AP:64-bit Quad-Core Cortex A53 1.3GHz  
SP:32-bit RISC Core (ARMv7-M)

## Printer

Print speed: 80mm/s  
Paper roll: 58\*40mm

## Accessory

USB Type-C charging base(optional)  
Cradle for charging and  
Ethernet(optional)

## Magnetic Card Reader

Triple Track,Dual-Directional  
Compliance with ISO7810,7811,7812

## Mobile Network

4G: TD-LTE/FDD-LTE  
3G: WCDMA  
2G: GPRS/GSM

## Physical Key

On/Off x 1  
Function x 1

## Ports

USB Type C x 1

## Memory

1GB RAM+8GB Flash  
2GB RAM +16GB Flash(optional)

## Camera

2 MP Front-Facing  
5 MP Rear-Facing

## Card Slots

TF Card x 1  
SIM Card x 2 + PSAM x 1 or  
SIM Card x 1 + PSAM x 2

## Contactless Card Reader

Type A/B,Mifare  
Compliance with EMV3.0,ISO14443

## Wireless

Wi-Fi 2.4GHz/5GHz  
Bluetooth 4.2(BLE )

## Power

Battery: 3.8V/4000mAh  
Adapter: 5V/2A



# TOPWISE T1N

## Smart Mobile Terminal



Print



Sequence  
Number



QR



Mobile  
Payment



NFC



Order

Business device powerful

Excellent industrial design

Large battery, easily removable for replacement

5.0"HD Full Screen

# T1N Standard Configurations

## OS

AOS (Android 7.0)

## Display

5.0" HD 1280\*720 IPS  
Capacitive Multi-Touch Screen

## Positioning

GPS / GLONASS  
/ BEIDOU

## Wireless

Wi-Fi 2.4GHz/5GHz  
Bluetooth 4.2(BLE )

## Physical

193\*80\*54.5mm  
350g (including battery)

## Ports

Micro USB x 1

## Processor

64-bit Quad-Core Cortex  
A53 1.3GHz

## Printer

Print speed: 80mm/s  
Paper roll: 58\*40mm

## Physical Key

On/Off x 1  
Function x 1

## Mobile Network

4G: TD-LTE/FDD-LTE  
3G: WCDMA  
2G: GPRS/GSM

## Audio

Speaker x 1  
Microphone x 1

## Memory

1GB RAM+8GB Flash  
2GB RAM +16G Flash(optional)

## Camera

2 MP Rear-Facing  
5 MP Rear-Facing(optional)

## Contactless Card Reader

Type A/B,Mifare  
Compliance with EMV3.0,ISO14443

## Card Slots

TF Card x 1  
SIM Card x 2 + PSAM x 1 or  
SIM Card x 1 + PSAM x 2

## Power

Battery: 3.8V/4000mAh  
Adapter: 5V/2A

# TOPWISE M3

Technology Enhanced Mini POS  
Compact & Powerful



Order

QR

Mobile  
Payment

Large memory for high performance

LVGL graphics supported

Camera for QR Code

Extended battery life 500 times transactions

M3 comes with multiple communications options



## M3 Standard Configurations



### OS

TOS(Topwise RTOS)

### Display

2.4"Colour LCD 320 x 240

### Smart Card Reader

EMV L1& L2 certified

### WIFI(optional)

Support 2.4G/5G

### Audio

Speaker / Beep

### Environmental

Operating: 0°C ~ 50°C

Storage: -20°C ~ 70°C

### Processor ( SP )

32bit RISC core

204MHz secure CPU

### Touch Panel (optional)

Capacitive

### Magnetic Card Reader

Track1 / 2 / 3, Bi-directional

### Bluetooth (optional)

Support BLE 4.2

### SIM Card Slots

1 SIM Slot

### Physical

125\*70.5\*15 mm

145g (including battery)

### Memory

1MB+8M SRAM

16MB Flash

### Camera (optional)

0.3 M Fixed

### Contactless Card Reader

Support ISO14443 Type A/B and Mifare  
EMV CL L1 3.0 certified

### Modem

2G / 4G Cat 1 / 4G Cat M

### Ports

USB Type C x 1

### Power

Battery: 3.7V/1000mAh

Adapter: 5V/1A

# TOPWISE MP35

## Portable Android POS Terminal



Charging  
Base



Sequence  
Number



QR



Mobile  
Payment



NFC



Order

High performance hardware Dual CPU architecture

Quad Core Cortex A7 1.3GHz

Camera for QR Code

Extended battery life 800 times transactions

Supports omni-channel payments



# MP35 Standard Configurations

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## OS

AOS (Android 5.1)

## Display

2.4"TFT 320\*240 Display  
Touch Panel(optional)

## Smart Card Reader

Compliance with EMV ,PBOC,  
ISO7816

## Wireless

Wi-Fi 2.4GHz  
Bluetooth 4.0+EDR

## Processor

AP:32-bit Quad Core Cortex A7 1.3GHz  
SP:32-bit RISC Core (ARMv7-M)

## Accessory

Charging Base (optional)

## Magnetic Card Reader

Triple Track, Dual-Directional  
Compliance with ISO7810,7811,7812

## Physical Key

Numeric x 10  
Function x 8  
On/Off x 1

## Card Slots

SIM x 2  
SIM x 1 + PSAM x 1 (optional)

## Audio

Speaker x 1

## Power

Battery: 3.7V/2500mAh  
Adapter: 5V/1A

## Memory

256MB RAM+512MB  
512MB RAM+4GB Flash(optional)

## Camera

2 MP Rear-Facing  
0.3 MP Rear-Facing(optional)  
1D & 2D QR Code Supported

## Contactless Card Reader

Type A/B,Mifare  
Compliance with EMV,QPBOC,ISO14443

## Mobile Network

3G(WCDMA)  
2G(GPRS)

## Physical

133\*70\*18mm  
204g (including battery)

## Ports

Micro USB x 1

## Positioning

A-GPS



# TOPWISE MP35P

New Generation Portable Pos Terminal



Print



Sequence  
Number



QR



Mobile  
Payment



NFC



Order



Charging  
Base



High performance hardware Dual CPU architecture

Quad Core Cortex A7 1.3GHz

Camera for QR Code

Extended battery life 700 times transactions

Supports omni-channel payments

# MP35P Standard Configurations

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## OS

AOS (Android 5.1)

## Display

2.4"TFT 320\*240 Display  
Touch Panel(optional)

## Smart Card Reader

Compliance with EMV ,PBOC,  
ISO7816

## Wireless

Wi-Fi 2.4GHz  
Bluetooth 4.0+EDR

## Power

Battery: 3.7V/2600mAh  
Adapter: 5V/1A

## Positioning

A-GPS

## Accessory

Charging Base (optional)

## Processor

AP:32-bit Quad Core Cortex A7 1.3GHz  
SP:32-bit RISC Core (ARMv7-M)

## Printer

Print Speed: 70mm/s  
Paper roll: 58\*40mm

## Magnetic Card Reader

Triple Track, Dual-Directional  
Compliance with ISO7810,7811,7812

## Physical Key

Numeric x 10  
Function x 8  
On/Off x 1

## Card Slots

SIM x 2  
SIM x 1 + PSAM x 1 (optional)

## Audio

Speaker x 1

## Memory

256MB RAM+512MB Flash  
512MB RAM+4GB Flash(optional)

## Camera

2 MP Front-Facing  
1D&2D QR Code Supported

## Contactless Card Reader

Type A/B,Mifare  
Compliance with EMV,QPBOC,ISO14443

## Mobile Network

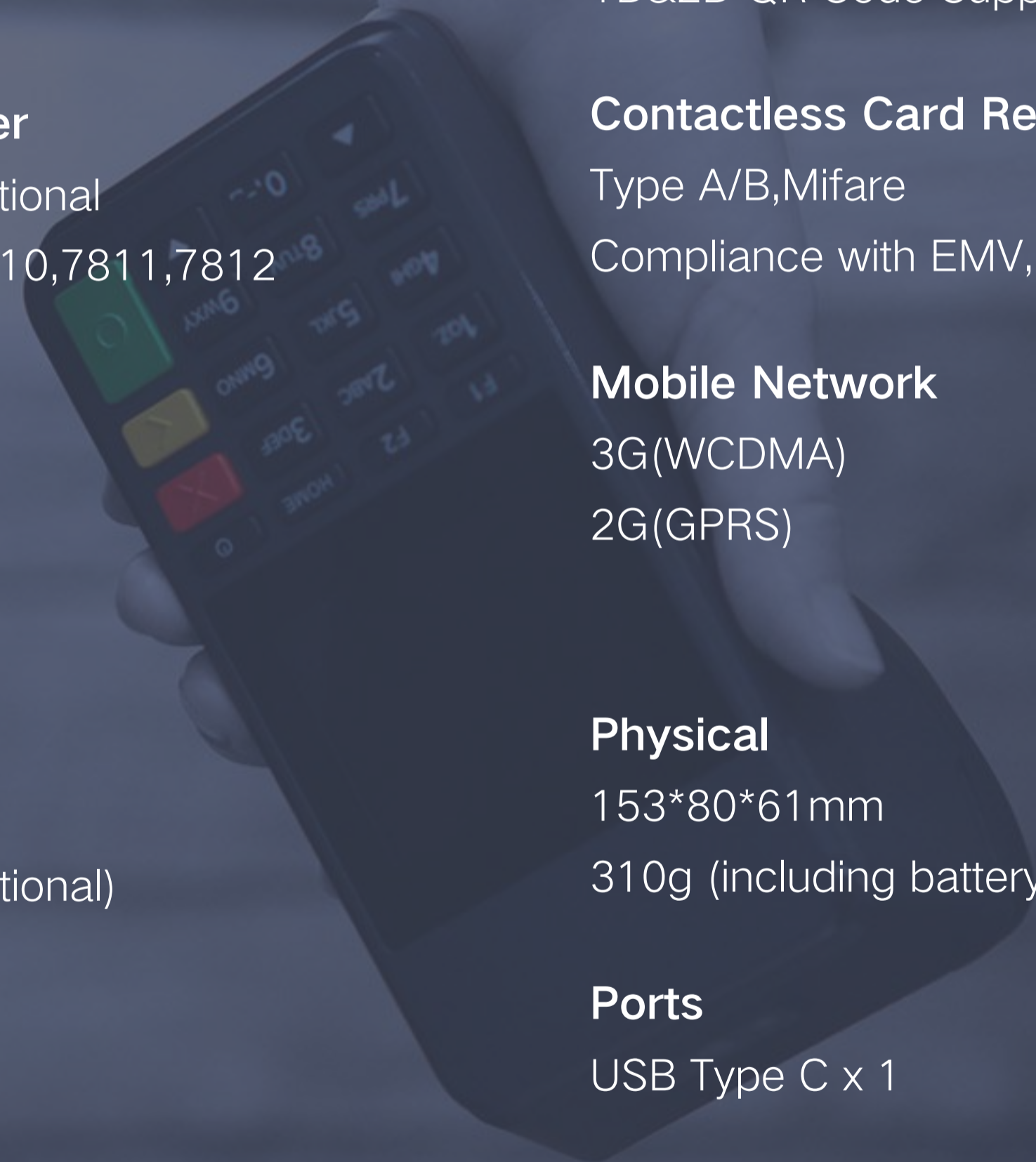
3G(WCDMA)  
2G(GPRS)

## Physical

153\*80\*61mm  
310g (including battery)

## Ports

USB Type C x 1



# TOPWISE T3

Better & More User-Friendly  
Android POS With Keypad



Print



Sequence  
Number



QR



Mobile  
Payment



NFC



Order



Charging  
Base

Faster CPU : Four core 1.5GHz

Bigger Battery : 1500 transations

Faster printer : 90mm/s

Latest Android version : Android 11 Red Velvet Cake

Better Camera angle of view

Physical keys for fast & easy operation



## T3 Standard Configurations

### OS

AOS (Android 11.0)

### Display

4.0" WVGA 480\*800

Capacitive Multi-Touch Screen

### Smart Card Reader

Compliance with EMV ,  
PBOC,ISO7816

### Wireless

Wi-Fi 2.4G/5G

Bluetooth 4.1(BLE)

### Power

Battery: 7.2V/2600mAh (two battery)

Adapter: 5V/2A

### Positioning

A-GPS

### Accessory

Charging Base (optional)

### Processor

64-bit Quad-Core Cortex A53 1.5GHz

32-bit RISC Core (ARMv7-M)

### Printer

Print Speed: 90mm/s

Paper roll: 58\*40mm

### Magnetic Card Reader

Triple Track,

Compliance with ISO7810,7811,7812

### Physical Key

Numeric x 10

Function x 5

On/Off x 1

### Card Slots

TF Card x 1

SIM Card x 2 + PSAM X 1 or

SIM Card x 1 + PSAM X 2

### Audio

Speaker x 1

### Indicator LED

Charging light

### Memory

1GB RAM + 8GB Flash DDR3

2GB RAM + 16GB Flash DDR3(optional)

### Camera

2 MP Rear-Facing

2 MP Front-Facing(5 MP optional)

### Contactless Card Reader

Type A/B,Mifare

Compliance with EMV,QPBOC,ISO14443

### Mobile Network

4G: TD-LTE / FDD-LTE

3G: WCDMA

2G: GPRS

### Physical

176.7\*79.6\*67.6 mm

395g (including battery)

### Ports

USB Type C x 1

# TOPWISE M3P

Portable Pos Terminal  
Can Done Everything You Want



Large memory for high performance  
LVGL graphics supported  
Camera for QR Code  
Extended battery life 1000 times transactions  
MP30P comes with multiple communications options



# M3P Standard Configurations

## OS

TOS(Topwise RTOS)

## Display

2.8" Colour LCD 320 x 240

Capacitive -Touch

## Smart Card Reader

EMV L1& L2 certified

## WiFi(optional)

Support 2.4G/5G

## Audio

Speaker

## Environmental

Operating: 0°C ~ 50°C

Storage: -20°C ~ 70°C

## Processor (SP)

32bit RISC core

204MHz secure CPU

## Printer

Print Speed: 60mm/s

Paper roll: 58\*40mm

## Magnetic Card Reader

Track1 / 2 / 3, Bi-directional

## Accessory

Charging Base (optional)

## Card Slots

SIM Card x 1 + PSAM x 2

## Physical

165\*78\*61.9 mm

## Memory

1MB+8M SRAM

16MB Flash

## Camera (optional)

0.3 M Fixed

## Contactless Card Reader

Support ISO14443 Type A/B and Mifare

EMV CL L1 3.1 certified

## Modem

2G / 4G Cat 1 / 4G Cat M

## Ports

USB Type C x 1

## Power

Battery: 3.7V/2600mAh

Adapter: 5V/1A

[www.topwisesz.com](http://www.topwisesz.com)

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