

## NWE AHPT



## SPECIFICATIONS

### Operating System

Android 7.0 / 10.0

### Processor

ARM Quad-core processor 1.3Ghz

### Memory

8G Flash + 1G SDRAM  
16G Flash + 2G SDRAM (Optional)  
32G Flash + 3G SDRAM (Optional)  
Micro SD (TF) card up to 32G

### Display

5.5-inch 1280 x 720 pixels IPS hard screen  
Multi-point capacitive touch screen  
Supports electronic signature

### Physical keys

1 x ON / OFF key

### Printer

High-speed Thermal Printer  
Print Speed 80mm/s  
Paper Width 58mm (2.25-inch)

### Card Readers

Magnetic Card Reader  
Track 1 / 2 / 3 , Bi-directional, ISO 7812-2

### Smart Card Reader

Supports 3V / 5V IC card  
ISO7816, EMV Level 1 & Level 2

### Contactless Card Reader

Mifare classic / Mifare Ultra light / Mifare DES Fire  
ISO 14443 A&B

### Communications

4G: FDD-LTE / 3G: WCDMA / GPRS  
Wi-Fi: 802.11b/g/n WLAN, Supports Hotspot  
Bluetooth 2.1 - 4.0, Supports BLE

### Satellite Positioning

GPS/A-GPS/GLONASS

### Camera

Front: 0.3 Megapixel camera  
Rear: 5 Megapixel camera with flash & AF  
Supports 1D / 2D code scanning

### Peripheral Ports

2 x SIM Card Slots  
1 x SAM Card Slot  
1 x Micro USB OTG

### Audio

Speaker / Microphone / Buzzer

### Security

Built-in PINPad (Virtual Keyboard)  
ANSI X9.8 / ISO9564, ANSI X9.9 / ISO8731  
Master key / Session key  
Fixed and DUKPT PIN secure resolutions  
DES / 3DES / RSA / SHA-256 / AES algorithms

### Power

Input: 110-240V AC, 50Hz / 60Hz, 0.5A  
Output: 5VDC / 2A  
Micro USB port, anti-lightning, anti-static-electricity

### Battery

7.2V / 2600mAh rechargeable Li-ion battery

### Physical

L x W x H (mm): 200 x 85 x 55  
Weight: 438g (Including Battery)

### Environmental

0°C ~ 50°C (32°F ~ 122°F) Operating Temperature  
-20°C ~ 70°C (-4°F ~ 158°F) Storage Temperature  
10% ~ 96% Relative Humidity, Non-Condensing

### Certifications

PCI PTS 6.x  
EMV L1 & L2  
EMV Contactless L1  
MasterCard Paypass  
Visa payWave  
JCB Contactless  
RuPay Contactless  
PURE Contactless  
American Express  
Discover D-PAS  
Russian Mir  
TQM  
CE & RoHS

## NWE AHT

### Product Overview

POS launched to be portable POS with higher security Android 8.1 operation system and customized multi-functions to fit with market demand. Since development of mobile finance services, more and more demand toward android pos machine to achieve QR code scan, thermal receipt, NFC top-up & member management as well mobility design with wireless 3G/wifi network. That's why POS launched to be fit with market demand.



### Features

1. Quad-Core Processor 1GB RAM/8GB ROM Android 8.1.
2. 5M Auto-Focus Camera with Flash/Customized Soft Coding QR Scanning SDK.
3. 5.5 inch Touch Screen/720\*1280 Resolution.
4. Printer head 50KM life time/ESC POS protocol support.
5. 7.4V 2600mAh Battery/Removable Design/1000+ Receipt Printout.
6. Option For NFC, Professional Scanner.



#### OEM&ODM

A graphic divided into two sections. The top section is titled 'OEM SERVICE' and lists: 'Logo on device', 'Logo on touch screen', 'Pre-installed APP', 'Android Setting', and 'Customized gift box'. The bottom section is titled 'ODM SERVICE' and lists: 'PCBA Design &amp; Development', 'Tooling Design &amp; Development', 'Hardware &amp; Software customized', and 'Others customization service'. The background shows a man working at a computer and a group of people in a meeting.



## Specification

Model Name	NWE AHPOS
CPU	Quad core 1.3GHz MT6580V/WA
RAM/NAND Flash	1GB+8GB
RAM/NAND Flash	2GB+16GB(optional)
System	Android 8.1
Screen	5.5inches, resolution 1280*720 IPS touch Screen
Communication	2G GSM850/900/1800/1900 3G B1/B2/B5 , 4G
Camera	500W
SIM	SIM*1, MICRO
Battery	7.4V,2600mAh
Charging interface	DC 12V, 1A
Headphone jack	3.5mm Samsung standard headphones
OTG	Support
USB	Micro USB2.0*1
Audio system	Built-in speaker, buzzer, microphone
WIFI	802.11b/g/n
Bluetooth	Bluetooth4.0
Printer	2 inch thermal printer
Printing Speed	50mm/s
Printer work life	50KM
Dimension	209.2mm*87.4mm*51.7mm
Power adapter	Input: 100-240V/1.5A
Colour	Blue/Orange
NFC reader	It is optional
1D barcode scanner	It is optional
Charging plug	EU Plug/US Plug/UK Plug

## Application



Resturant



Supermarket



Gas station



Book store



Coffee shop



Clothing store

## Packing listing

Small box size: 23\*14\*9cm

Carton box size: 36.5\*26.5\*23.5cm (10pcs in one carton) Color: Orange and Blue

Adapter\*1 Plug\*1

Thermal Paper\*1 User manual\*1

Android 8.1 Terminal POS\*1





**NWE HHTII**

MADE IN INDIA



## **HAND HELD TICKETING MACHINE**

## Hardware Specifications

Battery	7.4V Li Ion 2200mAh
Input power	9.0V, 750mA
Printer	2 inch Thermal Printer
Print resolution	8dot/mm
Printing Speed	50 mmps
Print head Reliability	100Km
Cutter method	Tear bar
Paper end Sensor	Available
Operator Display	128x64 pixels Graphics LCD
PC Interface	USB B-Type cable
Dimensions (LxWxH)	229x82x48 mm
Weight	435g

## Software Specifications

Print font	English - 9 x 15 (W x H)
Character size	1.5 x 3.0 mm(W x H)
Logo store memory	Maximum 4 Kilobytes

## Applications

- Pigmy & Loan
- TV Cable
- Pay & Park
- Hotel Billing
- Bus Ticketing
- News Paper
- Van Distribution Sales

## Features

- Ergonomically designed with 30 alpha numeric keypad and easy holding also weight less than 435 grams.
- Advanced micro controller based system with latest hardware technology.
- Real time clock technology which enables automatically update the date and time.
- Ultra fast thermal printer with 55mm/sec speed, with 203 dots per inch.
- Easy operation with soft touch ON/OFF key.
- Battery level indication for knowing the duration of the device capacity to be ON.
- Paper end sensor to indicate when there is no paper available.
- Li-ion 7.4V 2200mAh high capacity battery capable of printing 1000 receipts per charge.
- Easy Paper Loading Technology.
- Interface with PC along with the B-type USB cable.
- 4 Gb built in memory.



Handheld Printer



Desktop Printer



Handheld Thermal Printer



LED Display Board

## NWE POSAD

- 10" capacitive touchscreen
- Full motion video
- High-Quality audio
- 5MP camera ideal for scanning & accepting alternative payments
- Dust & water resistance





## Specifications :

OS	Android 10
Processor	1.8 GHz
Memory	1GB RAM+8GB Flash
Battery	4000 mAH
Display	10' FWVGA (1280x800)
Touch Screen	Multi-Touch capacitive screen
Printer	2' inch high speed printer
Connectivity	4G, 3G & 2G, WiFi, BT 3 USB, RJ45
Audio/Video Streaming	H.264
Camera	Integrated 5MP w/ Auto Focus
Security	PCI PTS approved
Environmental	Operating temperature: 0° to 50° C (32° to 122° F); storage temperature: -20° to 60° C (-4° to 140° F); relative humidity: 90%, non-condensing
Card Reader	Triple track MSR: ISO 7810, 7811, 7813, smart card reader, EMVco-approved
Contactless	ISO14443 A&B, MiFare, ISO18092-capable, EMVCo L1 and L2 certification supports major NFC/contactless scheme



**NWE POS KIOASK**



**Multifunctional ordering payment machine**



- Optional Android or Windows system
- Capacitance touch screen
- support different payment
- Optional installations
- HD Picture quality
- Smart split Ad display.
- Background remote control
- Configuration can be customized

**Technical Parameter**

Model NO.	NWE AKIO	System	Windows	Android
Screen size	21.5"23.8"27"32"	Chip	I3/I5/I7	RK3128,RK3368, RK3288,RK3399
Resolution	1920*1080	Graphics card	INTELHD	Android HD
Brightness	350-500CD/m²	RAM	2G/4G/8G/16G	2G/4G
Installation	wall mounted , floor standing	Storage medium	Solid state 64G/128G/256G	SD/TF 8G/16G/32G
Speaker	2-8Ω 4W	Clarity	1080P	
Power input	AC110-240V	USB	USB2.0*2/USB3.0*2	USB2.0*1/USB3.0*1
Touch type	Capacitance 10 point	Network standard	LAN/WIFI/4G/VPN	



**Application place**



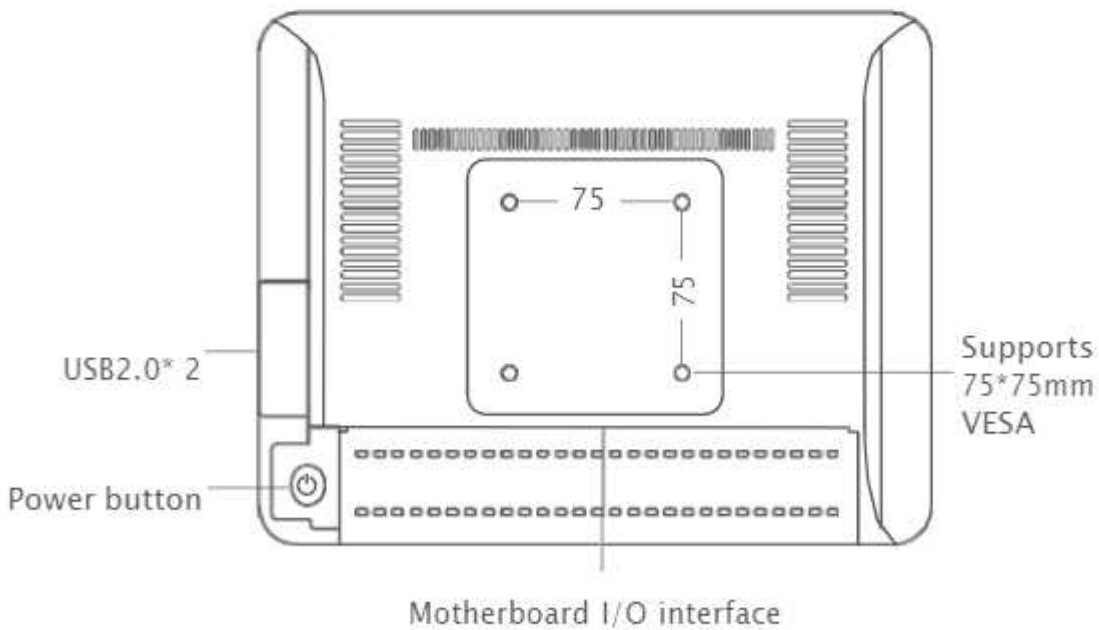
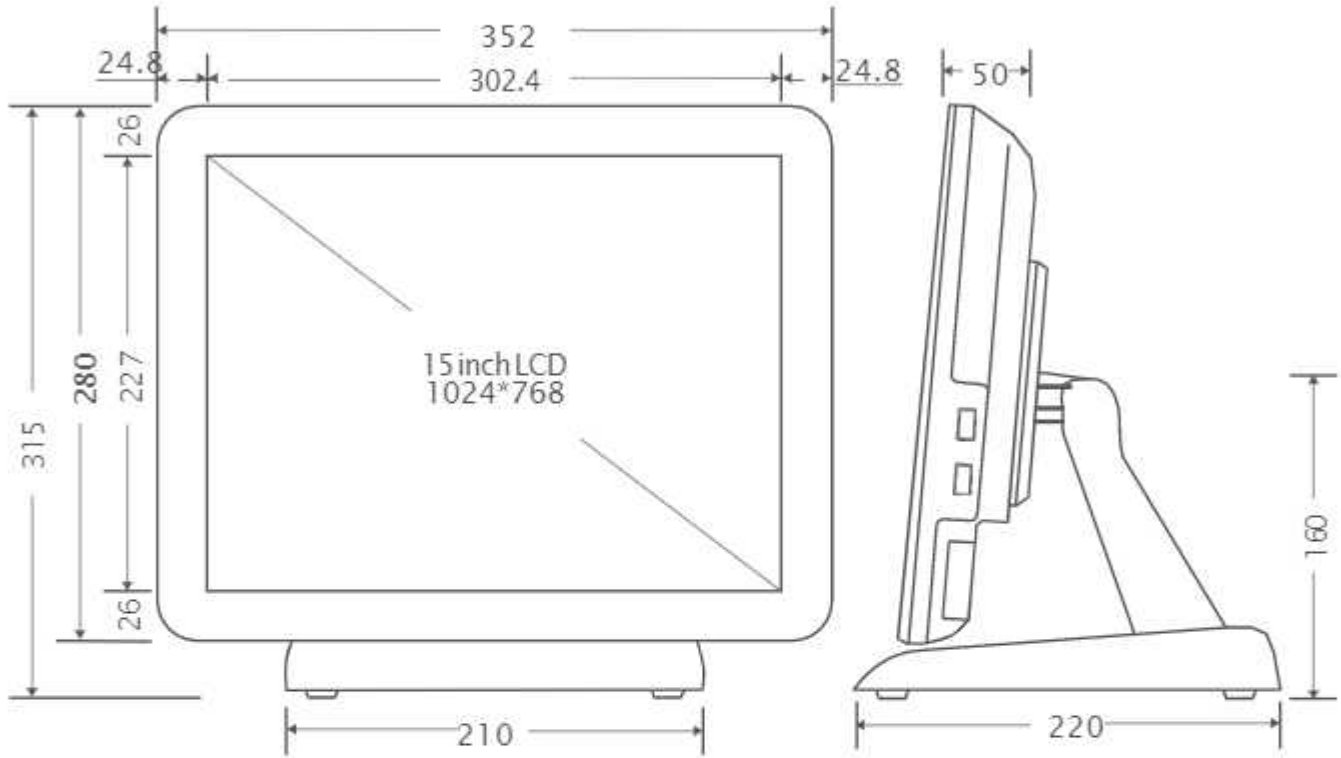
## NWE POSWD



- 15 inch main display with capacitive 10 point touch panel.
- The main screen supports 270-degree flip, easy to connect with POS peripheral devices.
- The POS body is made of A-grade ABS, which has excellent impact resistance.

Shell Material: Grade A ABS  
Stand Material: Grade A ABS

Unit:mm





Work Environment	
Storage Temperature	-20~60 °C
Work Temperature	10~35 °C
Storage Humidity	20%~70%
Work Humidity	35%~70%
Power Input	100~240V (50/ 60Hz)

Main Display	
Display Size	15 inch (diagonal)
Active Area	304.1 mm (H)* 228.1 mm (V)
Number of Pixels	1024 pixels (H)* 768 pixels (V)
Display Ratio	4: 3
Contrast	1000:1
Backlight Brightness	350 cd/m2

Touch Panel	
Touch Controller	ILITEK ILI2511 (64 channels)
Touch Type	Capacitive 10 point touch
Lens View Area	302.4 mm* 227 mm
Cover Glass Thickness	1.6 mm
Sensor Glass Thickness	0.7 mm
Surface Hardness	6H

SSD	
Interface Type	SATA III
Interface Socket	Mini SATA (mSATA)
Max Capacity	Unlimited
Operating Voltage	5V

RAM		
DDR3L	Interface Socket	SO-DIMM 204pin
	Max Capacity	8GB (i3/ i5/ i7 motherboard 3 <sup>rd</sup> )
		16GB (i3/ i5/ i7 motherboard, 4 <sup>th</sup> ~5 <sup>th</sup> gen)
	Working Frequency	1333MHz/ 1600MHz
Operating Voltage	1.35V	
DDR4	Interface Socket	SO-DIMM 260pin
	Max Capacity	8GB (J4125 motherboard)
		16GB (N5105/ J6412 motherboard)
	Working Frequency	2400MHz/ 2933 MHz
Operating Voltage	1.2V	

## NWE HHT III

<b>Model</b>	<b>HDD-A7</b>
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ITEM	Parameter
CPU+Motherboard	MTK MT6580 Quad core Cortex A7 1.3G
Memory	1G DDR3
Storage	8G EMMC
Display	7" HD720P IPS
Touch Pannel	Capacitive TP (s)
NFC and IC Card Reader	M4255, 13.56MHz, ISO14443A, M1 s50, M1 S70, ISO14443A.
Printer	80mm Thermal and Label
Wi-Fi	Wi-Fi 2.4G/802.11 a/b/g/n ..
Bluetooth	Bluetooth 4.0/4.2 ...
Ports	1 Micro USB
3G/4G	Dual SIM, Gotone,GSM 82/83/85/88,WCDMA 81/88 (3G)
Battery	Optional
Camera or Scanner	2 Million Pixel CCD (one and two-dimensional code)
Speaker	Hi-Fi Dual Channel
TF-Card	TF extension max support 64GB (Optional)
Power Supply	NO
Operating System	Android 6.0 or Up
Weight	1.383Kg [10 Pieces 14.5Kg]
Dimensions(cm)	34*17*18 [Large box(10 Pieces)88*36*34]
Remarks	.



**Price** **₹137.00**

708, Harikrishna Complex, Opp. Kothawala Flats, Ashram Road, Pritamnagar, Ahmedabad -380 006,  
Phone 78 2000 67 05/06.07, M.: 9825500360 / 9377701360 Fax: 079 - 2657 3762

E Mail: [newwaveelectronics@rediffmail.com](mailto:newwaveelectronics@rediffmail.com)  
[www.newwaveelectronics.co.in](http://www.newwaveelectronics.co.in)







## N5105

N5105 Motherboard		
Parameters	Specification	Unit
Processor Number	N5105	
Processor Series	Celeron	
Motherboard Type	Mini-ITX/ Processor on board	
Generation	10 <sup>th</sup>	
Cores	4	pieces
Threads	4	
Base Frequency	2.0	GHz
Burst Frequency	2.9	GHz
Cache	4	MB
Audio	Realtek ALC662 HD	
Graphics	Intel® UHD Graphics	
4K Support	Yes, at 60Hz	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 1	piece
Max RAM Capacity	16	GB
RAM Types	DDR4 2933	MHz
SSD Interface	Mini SATA* 1	piece
Expand Interface	Mini PCI-E* 1 (for Wi-Fi)	piece
I/O Interface	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 4	piece
	RS232* 2	piece
	VGA* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

**Remark:**

1. The default video extension interface is VGA interface, which supports HDMI interface for optional.



## J6412

J6412 Motherboard		
Parameters	Specification	Unit
Processor Number	J6412	
Processor Series	Celeron	
Motherboard Type	Mini-ITX/ Processor on board/ Fanless	
Generation	11 <sup>th</sup>	
Cores	4	pieces
Threads	4	
Base Frequency	2.0	GHz
Burst Frequency	2.6	GHz
Cache	1.5	MB
Audio	Realtek ALC662 HD	
Graphics	Intel® UHD Graphics	
4K Support	Yes, at 60Hz	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 1	piece
Max RAM Capacity	16	GB
RAM Types	DDR4 2933	MHz
SSD Interface	Mini SATA* 1	piece
Expand Interface	Mini PCI-E* 1 (for Wi-Fi)	piece
I/O Interface	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 4	piece
	RS232* 2	piece
	VGA* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

**Remark:**

1. The default video extension interface is VGA interface, which supports HDMI interface for optional.
2. The COM ports defaults to no voltage, the COM2 supports 5V or 12V for optional.



## i3-3217U

i3-3217U Motherboard		
Parameters	Specification	Unit
Processor Number	i3-3217U	
Processor Series	Core	
Motherboard Type	Mini-ITX	
Cores	2	pieces
threads	4	
Base Frequency	1.8	GHz
Burst Frequency	Not support	
Cache	3	MB
Audio	Realtek ALC662 HD	
Graphics	Intel® HD Graphics 4000	
Network	Realtek RTL8106E 100M	
RAM Socket	SO-DIMM* 1	piece
Max RAM Capacity	8	GB
RAM Types	DDR3L 1333	MHz
SSD Interface	Mini SATA* 1	piece
Expand Interface	Mini PCI-E* 1 (for Wi-Fi)	piece
I/O Interface	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 2	piece
	USB 2.0* 2	piece
	RS232* 2	piece
	HDMI* 1	piece
	VGA* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
DC-in* 1	piece	

**Remark:**

1. 100M ethernet controller is by default, which supports 1000M ethernet controller for optional.
2. The COM port defaults to no voltage, 5V/12V is optional.





## i3/ i5/ i7 (4<sup>th</sup>~5<sup>th</sup> gen)

i3/ i5/ i7 (4 <sup>th</sup> ~5 <sup>th</sup> gen) Motherboard		
Parameters	Specification	Unit
Processor Number	i3/ i5/ i7	
Processor Series	Core	
Motherboard Type	Mini-ITX	
Cores	2	pieces
threads	4	
Base Frequency	Depending on the specific model	GHz
Burst Frequency	Depending on the specific model	GHz
Cache	Depending on the specific model	MB
Audio	Realtek ALC662 HD	
Graphics	Intel® HD Graphics 4400/ 5500	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 1	piece
Max RAM Capacity	16	GB
RAM Types	DDR3L 1333/ 1600	MHz
SSD Interface	Mini SATA* 1	piece
Expand Interface	Mini PCI-E* 1 (for Wi-Fi)	piece
I/O Interface	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 2	piece
	USB 2.0* 2	piece
	RS232* 2	piece
	VGA* 1	piece
	HDMI* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

Remark: The COM port defaults to no voltage, 5V/12V is optional.

Unit Packing List	
	POS Terminal* 1
	Power Adapter* 1
	AC Cable* 1
	Cable Tie* 4
	User Manual* 1

Unit Packing Information	
Unit Net Weight	3.7 kg
Unit Gross Weight	5.2 kg
Unit Package Size	430*310*420 mm

Carton Packing Information	
Number of Units	2 units
Gross Weight	11.5 kg
Package Size	580*460*440 mm

Warranty Item	
Warranty Period	13 months
The warranty period starts from the commercial invoice date	

Tips: Product video [https://youtu.be/aPAMC\\_OswnA](https://youtu.be/aPAMC_OswnA)

**NWE AHRT**





Technical parameter	
Processor	CPU arm cortex-a53 4-core,main frequency 1.5GHZ
Operating system	Android 8.1
Structural style	Half plate
Dimension	170*79*15mm
Screen size	5.99inch HD720*1440,IPS
Touch screen	Capacitive screen,multi touch
Side screen	Power key(lock screen key)+scan key+Volume increase+Volume decrease
Battery	4.2V
Memory	16GB ROM+2GB RAM
Extended storage	Memory card up to 32GB
Camera	2Mega piexl front camera/8Mega piexl rear camera,support auto focus and auto recording
Multi-Media	Audio support MP3,AAC,OGG etc,Video support MP4,H.263,H.264 and other formats
GPS	Support
AGPS	Support
WIFI	2.4G,5.0G,IEEE802.11b/g/n/ac
Bluetooth	Support Bluetooth2.1/3.0/4.0 and BLE
Charging interface	Type C
USB interface	Type C USB2.0
Speaker	1W/8R
Sensor	G-Sensor,Light Distance Sensor,fingerprint Identification
NFC	TypeA,TypeB,M1
Infrared Scanning code	Support one-dimensional and two-dimensional code scanning
Standard system	GSM/GPRS/WCDMA/TD_SCDMA/TDD_LTE/FDD_LTE
WCDMA	WCDMA B1(2100)MHZ/B5(850)MHZ/B8(900)MHZ
GSM/SIM	850/900/1800/1900MHZ
TDSCDMA	B34 B39
TDD_LTE	B38 B39 B40 B41
FDD_LTE	B1 B3 B5 B7 B8 B20
USIM	support
SIM card	With double slot
Decoding type	1D:UPC-A,UPC-E,UPC-E1,EAN-13,EAN8,ISBN/ISSN,39,39(fullcode),32,triopic39,cross25,industry25 matrix25,kudeba(NW7),128,ISBT128,93,11(USD-8),MSI/Plessey,UK/Plessey,UCC/EAN128(gs1-128) China post code,China finance code,gs1databar(Formerly RSS)series 2D:PDF417,Micro PDF417,QR code,Micro QR code,Data matrix,Hanxin code,Aztec code GS1 composite

## NWE AHPRT



<b>General feature</b>	
<b>Processor</b>	
CPU	MTK6580A/WP
<b>Platform</b>	
Operating system	Android 6.0
<b>Characteristic</b>	
Type	PDA single SIM(GSM/WCDMA)type
Dimension	161*77*11mm
weight	210g
Screen Size/pixel	5.99inch/1440*720
Touch screen	Multiple point capacitive touch screen /G+F+F
Function keys	Vol+(UP) /Vol-(Down)/power off
Battery	4000m Ah 4.3V charge
System memory	eMCP :8GB +1GB DDR (3G solution)
expanded memory	Micro SD card up to 32GB
Camera	5MP AF main camera +2MP Sub camera
Multimedia	MP3&MP4 player
GPS	yes
AGPS	yes
Wi-Fi	yes
Bluetooth	yes
FM radio	yes
output	DC 12V/5A
<b>RF specification</b>	
Mode	GSM/GPRS/WCDMA
GSM SIM Band	Band 5/8/3/2
WCDMA Band	Band 1/5