# 15,6-Zoll-Touchscreen aus Aluminiumdruckguss für Windows/Android POS Terminal

(M/N: POS-1561)

OCOM POS-1561 POS Das Terminal verfügt über ein Gehäuse und eine Basis aus einer Aluminiumlegierung. Es verfügt über Intel Celeron und Intel Core I-Serie CPU als Option. Es verfügt über umfangreiche I/O-Schnittstellen für den Anschluss weiterer externer Geräte.

## Merkmale:

Gutes Wärmeableitungssystem POS funktionieren gut in raueren Umgebungen;

Das superdünne Maschinengehäuse und das elegante Design sorgen für ein höheres Profil.

Das Kabelmanagement macht den Kassentisch aufgeräumter und spart viel Platz.

Unterstützt den sekundären Bildschirm „One Line Connect“;

Wissenschaftlicher getrennte Struktur für einfache Wartung und Demontage;

Die Basis mit doppelter Faltstruktur macht das Paket kleiner und spart viel Kosten für den Versand.

Flexible Basis ermöglicht POS auf vielfältigere Weise platzierbar und für verschiedene Theken geeignet.

# Spezifikation

| Modell | POS-1561-W | POS-1561-A |
|---|---|---|
| Name | 15,6 Zoll Touch POS terminal | |
| Gehäusematerial | Aluminiumlegierung plus ABS | |
| Anzeige | | |
| Hauptbildschirm | 15,6-Zoll-Touchscreen-Monitor | |
| Auflösung | 1920*1080 | |
| Helligkeit | 250 cd/m$^{22}$ | |
| Blickwinkel | Horizont: 170, Vertikal: 170 | |
| Touch-Screen | Mehrpunkt-projizierte kapazitive GG-Berührung | |
| Unteranzeige | 15,6- oder 11,6-Zoll-Display wahlweise mit oder ohne Touch-Funktion | |
| MSR | 3-Spur-Kartenleser als Option | |
| Leistung | | |
| Hauptplatine | Intel Celeron J6412, 2,0 GHz oder Celeron J4125, Intel Core I3/I5 11. CPU als Option | Rockchip-Serie RK3568, Quad-Core 2.0G, RK3588 als Option |
| Systemspeicher | 1*SO-DIMM DDR4-Steckplatz, unterstützt 2400 MHz, 4 GB/8 GB/16 GB optional | An Bord DDR4 4 GB, 8G /16G für Option |
| Speichermedium | 64 GB M.2 SSD oder höher, bis zu 512 GB | An Bord 32 GB EMMC 64 GB/128 GB optional |
| LAN/WLAN | 10/100/1000 MBit/s, Realtek RTL8111F LAN-Chip<br>Integrierter Mini-PCI-E-Steckplatz, unterstützt eingebettetes WLAN-Modul | 10/100/1000 MBit/s, Realtek RTL8111F LAN-Chip, Unterstützt Wi-Fi 802.11b/g/n, BT3.0/BT4.0 |
| Betriebssystem | Unterstützt Windows 10/11 | Android 11 |
| Konnektivität | | |
| Extern<br>I/O-Port J6412 | Ein-/Aus-Taste *1 | |
| | 12V DC-Eingangsbuchse *1 | |
| | LAN: RJ-45 *1, USB *8, COM *2, HDMI *1 | |
| | Line-Out und MIC-In 2-in-1-Buchse *1 | |
| | Angepasster Typ-C-Anschluss für zweites Display (optional) | |
| Extern<br>E/A-Port RK3568 | Ein-/Aus-Taste *1 | |
| | 12V DC-Eingangsbuchse *1 | |
| | LAN: RJ-45 *1, USB *6, COM *1 | |
| | RJ11 für Kassenschublade *1, TF-Kartensteckplatz *1, SIM-Kartensteckplatz *1 | |
| | Line-Ausgang *1, MIC-Eingang *1 | |
| | Angepasster Typ-C-Anschluss für zweites Display (optional) | |
| Umfeld | | |
| Betriebstemperatur | 0 bis 50 Grad Celsius | |
| Lagertemperatur | -20 bis 60 Grad Celsius | |
| Arbeitsfeuchtigkeit | 10 % ~ 90 % Keine Kondensation | |
| Lagerfeuchtigkeit | 10 % ~ 90 % Keine Kondensation | |
| Paket | | |
| Gewicht | Netto: 6,0 kg, Brutto: 7,23 kg | |
| Paket mit Schaumstoff im Inneren | 436*400*166mm | |
| Zubehör | | |
| Netzteil | 110–240 V/50–60 Hz Wechselstromeingang, DC12V/5A-Ausgangsadapter | |
| Stromkabel | Netzkabelstecker kompatibel mit USA/EU/UK usw. und kundenspezifisch erhältlich | |
| Andere | | |
| Einhaltung | FCC-Klasse A/CE-Kennzeichnung/LVD/CCC | |

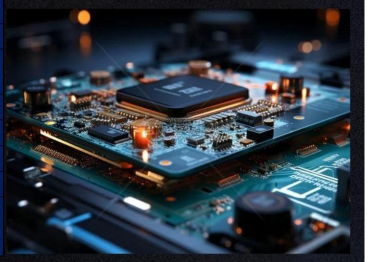
# OCOM New Products

## 15.6 Inches Die-cast Aluminum Touch POS Terminal

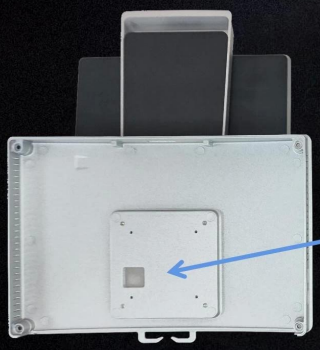
## 25mm Ultra-thin Body, Die-cast Aluminum Shell

# Using “Seavo” Motherboard, Equipped with Intel High-end Processor

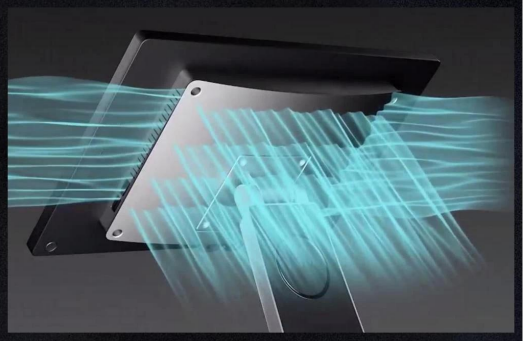
| Item | Intel Celeron J4125 @ 2.00GHz | Intel Celeron J6412 @ 2.00GHz (Standard) | Intel Core i3-1115G4 @ 3.00GHz | Intel Core i5-1135G7 @ 2.40GHz |
|---|---|---|---|---|
| Socket Type | FCBGA1090 | FCBGA1493 | FCBGA1449 | BGA1526 |
| CPU Class | Desktop | Mobile/Embedded | Laptop | Laptop |
| Clockspeed | 2.0 GHz | 2.0 GHz | 3.0 GHz | 2.4 GHz |
| Turbo Speed | Up to 2.7 GHz | Up to 2.6 GHz | Up to 4.1 GHz | Up to 4.2 GHz |
| # of Physical Cores | 4 (Threads: 4) | 4 (Threads: 4) | 2 (Threads: 4) | 4 (Threads: 8) |
| Cache | L1: 224KB, L2: 4.0MB, L3: 0MB | L1: 256KB, L2: 1.5MB, L3: 4MB | L1: 160KB, L2: 2.5MB, L3: 6MB | L1: 320KB, L2: 5.0MB, L3: 8MB |
| TDP | 10W | 10W | 15W | 15W |
| Yearly Running Cost | $1.83 | $1.83 | $2.74 | $2.74 |
| Other | Intel UHD Graphics 600 | Intel UHD Graphics for 10th Gen Intel Processors | Intel UHD Graphics for 11th Gen Intel Processors | Intel Iris Xe Graphics |
| First Seen on Chart | Q1 2020 | Q3 2021 | Q4 2020 | Q3 2020 |
| # of Samples | 478 | 84 | 1416 | 5605 |
| CPU Value | 0 | 71.4 | 21.8 | 31.9 |
| Single Thread Rating | 1165 | 1381 | 2650 | 2693 |
| CPU Mark | 2963 | 3853 | 6118 | 9845 |



The scientific heat dissipation design allows the POS machine to have good heat dissipation performance and can still work normally even at an ambient temperature of 50 degrees Celsius.



The heat dissipation silicone grease is attached to the CPU heat sink.



And the heat dissipation silicone grease is adhered to the die-cast aluminum shell to quickly transfer heat.

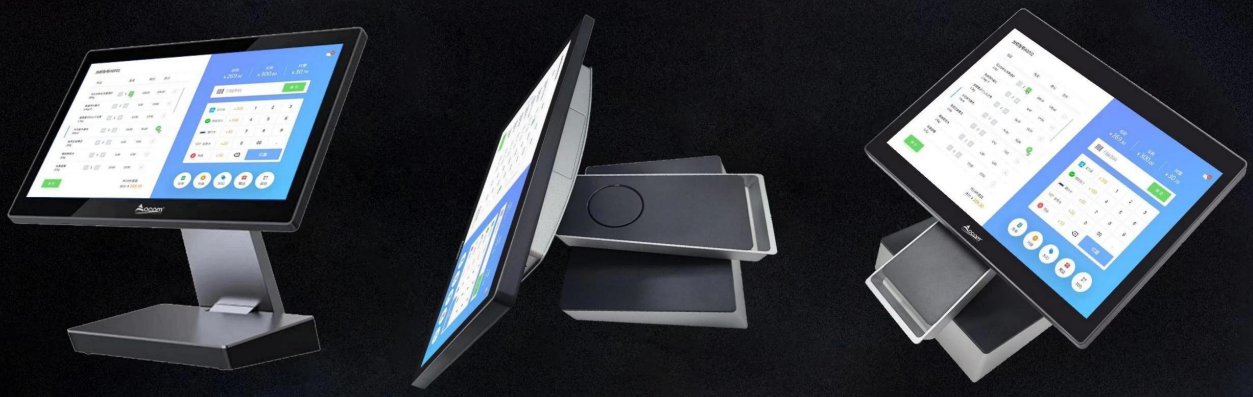
# More scientific layout structure makes the POS machine maintenance easier.

Tips: The mainboard of POS-1561 is installed behind the screen. When the casing is disassembled, the stand and the casing are completely separated, and the screen cables will not be damaged during disassembly.

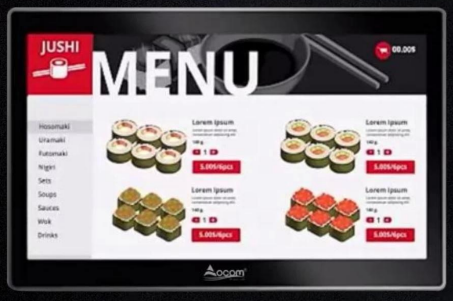
**Other Model**

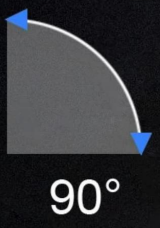
**POS-1561**

# 3 Placement Methods, Suitable for Various Counters



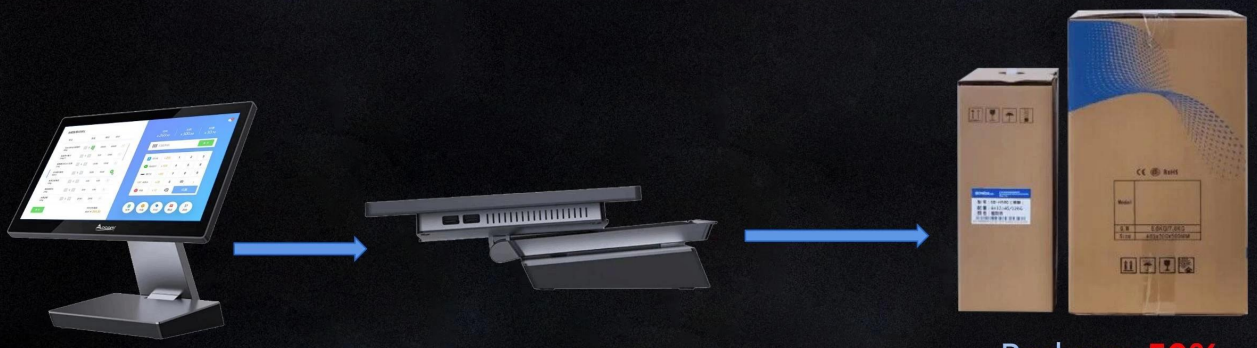
## Two types of wall-mounting methods to enrich the application scenarios.



## Cables management make cashier desk more tidier and save much space for use

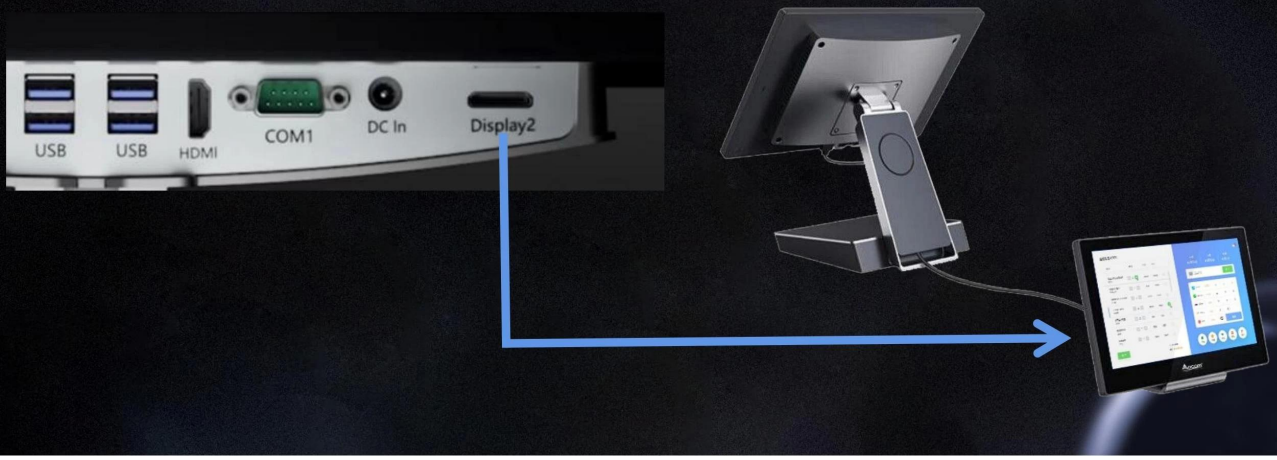
## Double Folding Shaft Reduces Packaging Volume By 50% !



Reduces **50%**

## Supports "One Line Communication" secondary screen, easy to assemble

Tips: One line can solves Power supply + Display Signal + Touch function at the same time



# Two way to installation 2nd screen

Suitable for regular counters

Suitable for high and low counters

# Specifications

## OS
Windows 10/11
Android 11

## Processor
Intel Celeron J4125/J6412
Intel core i3-1115G4
Intel core i5-1115G7
Rockchip RK3568/RK3588

## Memory
DDR4 4GB/8GB/16GB

## Storage device
64G/128G/256G/512G SSD(Windows)
32G/64G/128G eMMC(Android)

## Main screen
15.6" LCD (1920*1080)
16:9, Multi-point projected G+G capacitive touch

## Sub-display
15.6"/11.6"(POS-1561)
9.7"(POS-1518)
Touch function for option

## Options
MSR

## Housing material
Aluminium alloy Plus ABS
Black+Silver

## Environment
Operating temperature: 0℃ - 50℃
Storage temperature: -20℃ - 60℃

## Size (W*H*D)
Product size: 218*339*188(mm)
Packaging size: 440*165*400(mm)

## Weight
Net: 5.6kg
Gross: 7.23kg

## Installation
Desktop type
Wall mounting type

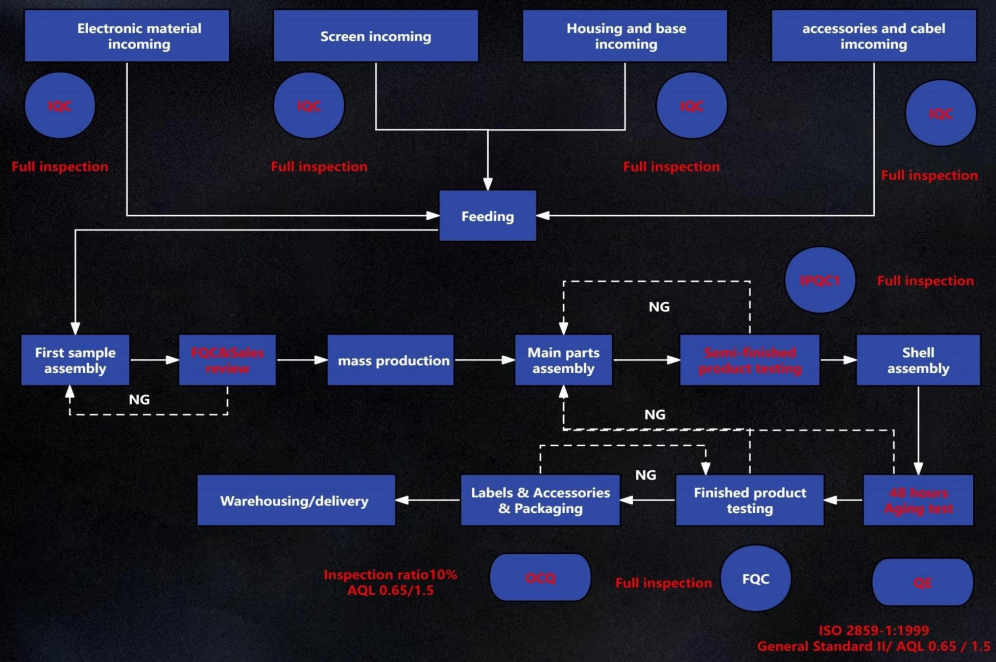
# I/O Interface Diagram

## Rich I/O interfaces, ultimate scalability

J6412
I3-1115G4
I5-1135G7
I7-1165G7

# Function Options

# Quality Control




# Reliability Testing Equipment

### Consistant Temperature And Humidity Chamber

By adjusting the temperature in the thermostat to simulate the use environment from -10 degrees Celsius to 55 degrees Celsius, test the reliability of the POS machine in high and low temperature environments.

### Electrostatic Discharge Generator

Use Electrostatic Discharge Generator to simulate tip discharge and test the POS machine's ability to protect against static electricity during air discharge and contact discharge.

### Transport Vibration Testing Machine

Use the Transport Vibration Testing Machine to simulate vibrations during transportation and monitor the firmness of the connectors throughout the POS machine and the rationality of the internal structure.

# Application Areas

# Warranty Terms

POS-1561: 18~36 Month

The standard warranty period is 18 months, with an additional price of 5% to upgrade to a 2-year warranty.
If you need longer warranty, please contact sales for details

DOA: It is consistent with the existing terms of OCOM

Accessories: 2 ‰ of the total quantity
(Full set of accessories including motherboard, memory, hard drive, TP LCD adapter, power cord )