

CJP4 Portable Android PDA Motherboard



CPU: Exynos4412quad 1.6GHz
RAM: DDR3 1GHz
OS: Android4.2.2
Communication: WCDMA/EVDO/GPRS
Navigation: GPS/GLONASS
Wireless: Wi-Fi dual frequency 2.4G/5G
Data Collector: 1D/2D/NFC/RFID
Bluetooth: 4.0 + EDR
Voice call: support

CJP4 portable android POS motherboard on the basis of Android OS, adopting Samsung high performance Exynos4412 1.6GHz processor, with 1G DDR3 RAM and low consumption (less than 3mA). It is the first choice for high-end handheld POS terminal devices or PDAs, and now is widely used in handheld PDAs, financial POS terminals, portable detecting instruments, medical facilities, communication equipments etc.

Main Specifications

Processor	Exynos4412quad 1.6GHz		GPRS	WCDMA	Support Unicom 3G	
OS	Android4.2.2			EVDO	Support telecom 3G	
RAM	DDR3 1GB (Max 2GB)			GPRS	850/900/1800/1900MHz	
ROM	FLASH: 4G-16GB			Wi-Fi	2.4G/5G dual frequency , IEEE802.11a/b/g/n	
extended storage	TF card: 32GB			Bluetooth	4.0 + EDR , support blue tooth printer	
Display	2.0-15 inch TFT			GPS	GPS/GLONASS	
Touch screen	Resistive /capacitive touch screen			USB	USB2.0 HOST	
Camera	8.0Mega pixel			RS232	serial communications	
Inner port	I2C/I2S/SPI/SDIO/GPIO/UART/USB			RS485	serial communications	
Real time clock	independent			Optional function	printer	58mm thermal printer with cutter
Voice message	Support				Magnetic card (MSR)	Track 1 / 2 / 3
Keyboard	Support				smart card	Support ISO7816 protocol
Audio	Support MIC/SPEAKER/earphone				PSAM card	Support ISO7816
Collect	Red light scan	Support			ID card	support

	1D	Symbol and Honeywell		Fingerprint	support
	2D	Newland		Ethernet	10/100MHz
	NFC	13.56MHz, compatible RFID		Sensor	G-SENSOR and so on
	RFID	13.56MHz, Support ISO14443A/B, ISO15693		battery	3.7V/7.4V
	UHF	Support UHF module, 1-5m reading distance		Power consumption	Stand by current < 3mA

Customer Solution

- Structure & Appearance design: rich experiences in design according to ID
- Hardware functions: customize different motherboard for different industries
- Hardware motherboard: customized the motherboard according to the mold case
- Application software: Provide kinds of customized software (Android, server)
- OS:
 - Startup picture: customized company logo or specified picture
 - Power on : customized according to customer's requirements , system go into application directly, users cannot operate the system.
 - Application system immobilized: customized application system immobilized, users cannot install their own
 - Standard interface: Provide further development documents/SDK, DEMO programs

Successes & Applications



(Android handheld PDA)



(all in one for police)



(PDA with printer)



(PDA for medical)

Fast elimination, clothing, stores, logistics, traffic police, medical, government, military, finance, gun control, industrial flat, industrial control, etc

