

## Circuit Description

### 1. Power

The power supply of Anypos500 is DC 12V which go through the power adapter of KPA-060F. It can convert to 5V, 3.3V and 5VSB to supply the product.

### 2. Mother Board

The mother board of Anypos500 used is Intel Atom D525(D425) 1.8GHz BGA CPU, with IMC, GPU and IIO integrated; The chipset is Intel NM10 with max TDP 2.1W; The graphic interface is integrate Intel GMA 3150 graphic core which support DX9.0c; The memory support DDR3 800/667 MHz with 2\*SO-DIMM slot, maximum voltage of 4GB; The storage is Intel Serial ATA2(3Gbps) controller; The Ethernet is Realtek 8111DL PCI-E Gigabyte Ethernet controller support 10/100/1000 Mbps with RJ45; The audio is Realtek ALC662 5.1 channel HD Audio Codec support Line-in/Line-out ports(onboard header).

### 3. LCD

The power of the LCD supplied by the inverter which connected to the 12V on the motherboard, and the data transfer from the LVDS port of the motherboard. The max video pixel is 1024\*768.

### 4. Touch Screen

The Touch Screen of Anypos500 is 5-wire resistive touch screen which connected to the USB port.

### 5. MSR

The MSR Anypos500 used is M90U. 3 tracks data can be read, and the data via HID-USB and RS232, you can select the interface according your application software.

### 6. Cash Drawer

The cash drawer controlled by GPIO of the motherboard, GPIO51 send signal to open the drawer and GPIO37 detect the drawer state.