



NXP i.MX 6 Series CPU based Customized Box PC for Subway AFC System

Description:

The BPC-iMX6Se-02 is a customized embedded box pc for applying in Shenzhen Subway AFC Gate System. It is onboard NXP i.MX 6DualLite ARM Cortex-A9 CPU, while supporting more CPU models like i.MX 6Solo, i.MX 6Dual, i.MX 6Quad. It is onboard 1GB DDR3 RAM and 8GB eMMC, and has multiple functioning ports including 1 Lan, 1 VGA and 2 RS232 and 2 USB2.0. It also has 10 SAM slots compatible with ISO 7816-3 and EMV 4.2 payment system for application in the AFC gate system.



Specification:

System	
CPU	NXP i.MX 6DualLite ARM Cortex®-A9 CPU (i.MX 6Solo, i.MX 6Dual, i.MX 6Quad optional)
RAM	Onboard 1GB DDR3 RAM, up to 2GB
Storage	Onboard 8GB eMMC, up to 128GB
Operation System	Ubuntu 16.04
I/O Interfaces	
Ethernet	1 x LAN
Display	1 x VGA
COM	2 x RS232
I/O	15 x I/O with 5V DB9F female head
USB	2 x USB 2.0, TypeA
SAM	10 x SAM slots, compatible with ISO 7816-3 and EMV 4.2 payment system
ANT Port	2 x RF ANT
Buttons	
Buzzer	1 x buzzer
Indicator	4 LED indicator
Reset	1 x reset button
Mechanical	
Power	1 x M12 aviation socket
Size	20.3 x 13.7 x 4.8cm

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9- year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

