



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

## Description

The BPC-MX6DL-SS 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

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
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
Buzzer	1 x buzzer
Indicator	4 LED indicator
Reset	1 x reset button
Power	1 x M12 aviation socket
Operation System	Ubuntu 16.04

### ABOUT POLYHEX

As a board level and system level designer and manufacturer of ARM architecture embedded hardware solutions in China, Polyhex offers the cost-effective and high performance customized products worldwide in over 30 countries on the basis of the mainstream silicon vendors like NXP, ST, Rockchip, Allwinners and so on. Polyhex is also certified with ISO9001 and ISO13485 for the self-own manufacture facility.

