POLYHEX

Allwinner A40i based Self-Service Terminal of Rental Power Bank with 10 Battery Slots

Main Features:
· Allwinner A40i CPU, STM32 MCU
· 10.1" PCAP LCD display
· Value added services: restaurant orders and advertising package
· Size: 389 x 190 x 209mm (L x W x H)
· Together with rechargeable power bank: 5000mAh high quality cells, supports Micro, Type-C and Apple Lightning MFI charging ports

Specification:

System	
ARM Architecture	ARM: Allwinner A40i, Quad Core ARM Cortex-A7, 1.2GHz Clock Speed, Industrial Grade
Memory	2GB DDR3
Flash	16GB eMMC
MCU	MCU: STM32F103, ARM Cortex-M3 MCU, Main frequency 72MHz
Display & Touch Panel	
LCD	10.1 Inches 1280 x 800 Display
TP	10.1 Inches five-point Capacitive Touch Panel
Communication	
4G	1 x 4G Module
WIFI & BT	2.4G/5G WIFI, BT4.0
LAN	1 x RJ45, 10/100M
Interfaces & Buttons	
NFC Credit Card	1 x NFC Credit Card
POS	1 x POS Interface (RS232 electrical level)
USB	2 x USB Host2.0
Touch Buttons	3 x Touch Buttons
Power Bank & Charging Station	
Power Bank Slots	10 x Power Bank Slots
	5V/2A Output with Hardware Current Limiting for Short-Circuit Protection
Charging Station	Supports Charging 4 Power Banks with the Maximum Current of 5V/2A at the Same Time
Indicator & Button	10 x Indicators(Power Bank Slots), 3 x Operating Indicators, 1 x Power Button
Power Supply	DC 12V/5A
Features	1. Intelligent Push such as Advertising
	2. Credit Card/ POS System/ Scanning Code for Rent and Purchase
	3. The Backend is Based on Amazon AWS Server Platform, Stable and Reliable