4Chain

Designed to Supply

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Table of Characteristic for Single Boar Computer

1. Connectivity from board to touch pannel directly by RGB.
2. Connectors vertical to board: 2xUSB + 2xRJ45 + Power Input
3. Location of connectors on board in to be placed according to specific mechanical requirements

Characteristic	Value
Size	100 x70x25 mm
Connector to screen + touch -Size Dimension + RGB parallel+i2c Connectors for screen and touch screen (optional HDI)	800x480 and 1920x 1200 pixels
Input voltage	5v, 12v, 24v
RAM	1GB/2GB
Flash Memory EMMC	8GB/16GB
Life time	5 years
Std for sub system	UL94 -V0
Std for integrated	UL508
Operating System	Operation system Linux Debian/Ubumtu with GUI
Browser	Chromium browser
Programmable language Dot net platform. C# Win	
Multi Language	20 language
Communication	TCP/IP
Free USB port	2
port Ethernet -RJ45	1 x 100Base-T, 1 x 1000Base-T
Serial connection RS 232	1
Speed Minimum capacity	minimum 1.6GHZ
Power of controller (Watts)	3
Power of touchscreen (Watts)	3
Operating Temperature	0 - 80
RTC (real time clock) connected to Back up lithium battery Life time without power. We can design external	5 years
The battery has to locate on seat replace without electric tool.	
Wi-Fi communication 2.4GHz	1
1 x OTG UART Debug	
1 x Head Phone, 1x Mic.	
Audio output Support 5W 8Ω dual-channel power amplifier - our	
Support Keyboard	
Support mouse	