Panzer

Stylish:

Panzer is an ARM based industrial grade fanless computing with open source software, so it is very flexible.

- ✓ VGA output display (maximum: 1366x768)
- ✓ NXP ARM-Cortex A7 i.MX6UL 528MHz
- ✓ Industrial design
- ✓ -40~85°C operating temperature
- ✓ Full Open Source Support on Linux base OS
- ✓ Hardware testing before shipping
- ✓ Long Life time support: 5 years
- ✓ Warranty: 1 years or above (optional)

CUSTOMER SERVICES

Headquarters, Taiwan:

2F., No.30, Ln. 107, Linsen N. Rd.,

Zhongshan Dist., Taipei City 104, Taiwan

Mr. Watson Wang, MQTech Sales

Tel: +886(9)08-880-962

E-mail: sales@mayqueentech.com

US:

Mr. Henry Chang, US RMA

Tel: +1 (310) 902-3018

Telegram: @changyuheng

Latin America:

Mr. José Pablo lopez, MQTech Sales

Tel: +502-3195-1814

E-mail: sales@mayqueentech.com

DISTRIBUTORS

Global

Jason Wang, EmbedKits sales

tedjackyx@gmail.com

https://ez-maker.com

Diversity Software Applications

MayQueen Panzer fanless computing come with fully open source code and runtime image for the different applications, supporting operating systems as following:

- ✓ U-boot 2015.04
- ✓ Linux Kernel 4.1.15, 4.9.11-LTS (5 years support)
- ✓ Standard OS support:
  - ➢ Yocto 2.2 and above
- ✓ MayQueen featured OS support:
  - ➢ Industrial BuildRoot 201708 distribution with Web-of-Things Framework
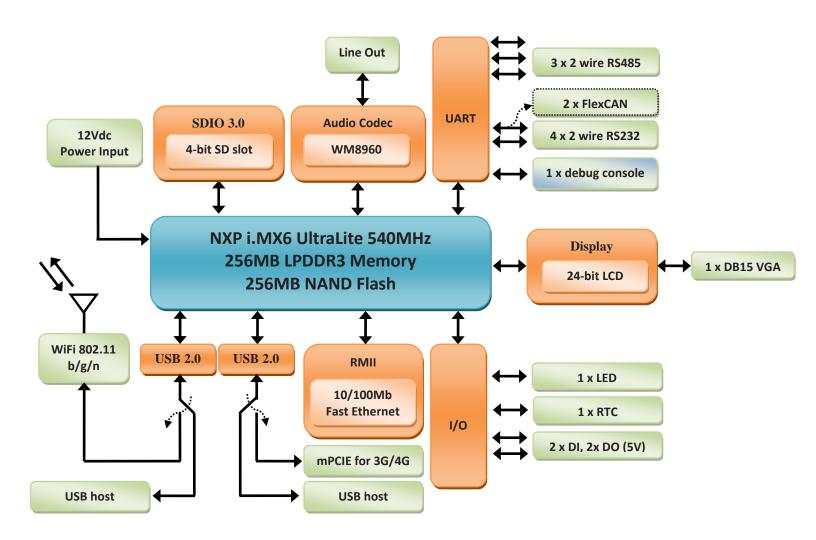- ✓ All releases supporting 5 years update and maintenance

NutsBoard Pistachio series also supporting features functions and middleware:

- ✓ Operating System optimization
- ✓ Operating System virtualization
- ✓ Real-Time Linux technology support
- ✓ Supporting software libraries for Industrial protocols

mayqueen

Panzer Block Diagram

Line Out

3 x 2 wire RS485

UART

2 x FlexCAN

4 x 2 wire RS232

1 x debug console

SDIO 3.0

4-bit SD slot

Audio Codec

WM8960

12Vdc Power Input

NXP i.MX6 UltraLite 540MHz
256MB LPDDR3 Memory
256MB NAND Flash

Display

24-bit LCD

1 x DB15 VGA

WiFi 802.11 b/g/n

USB 2.0

USB 2.0

RMII

10/100Mb Fast Ethernet

I/O

1 x LED

1 x RTC

2 x DI, 2x DO (5V)

mPCIE for 3G/4G

USB host

USB host

Panzer Hardware Specifications

Specifications	Coconut
System	
CPU	NXP ARM Cortex-A7 IMX6UL 540MHz
Memory	256MB LPDDR3
Storage	256MB NAND Flash
RTC	x1 (default is no coin battery)
Power input range	12 Volt
I/O	
Network	10/100Mbit RMII Ethernet
Wireless	WiFi 802.11 b/g/n
USB Host	x2
Serial Port	RS232 x4 RS485 x3 debug console x1
CAN bus	x2
Audio	1x LINE OUT
SD slot	x1
Display	VGA x1 (24-bit RGB)
GPIO	1x LED, 2 x DI, 2 x DO (5 Volt)
Environmental	
Dimension	130(W) x 123(H) x 9.5(D) mm
Certification	EMI, EMC pre-testing
Operating Temperature	-40 to 85℃
Operating Humidity	10% to 90%

Rugged Fanless Computing:

Panzer is combine HW6UL-CORE System-on-Module onto base board with stable metal case, in order to its robust industrial interfaces, you can choose many different applications what you want.

- ✓ RoHS Certification
- ✓ MTBF: 50000 Hours
- ✓ Vibration: 50-500Hz, 0.1mm, 1.5g

Ordering Information:

Part No.	Description
Panzer-6UL-D256-N256	i.MX6UL, 256MB DRAM, 256MB NAND, WiFi support

http://www.mayqueentech.com
sales@mayqueentech.com
Please contact us and discuss for your applications