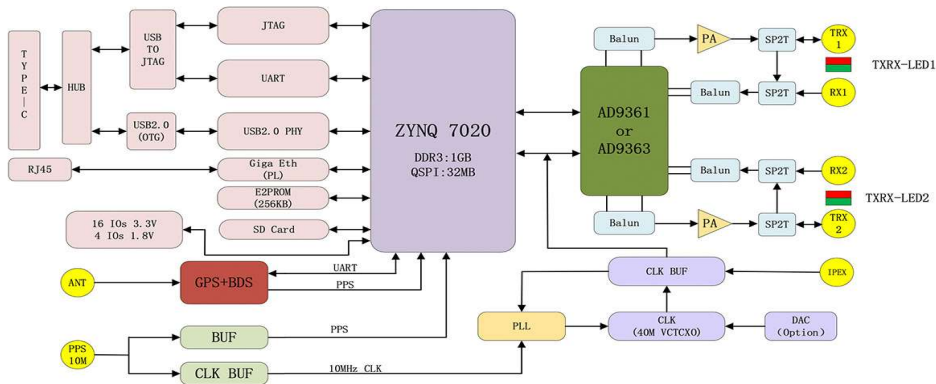


Puzhi PZSDR Software Defined Radio ZYNQ7020+AD9361

P201Pro

- RF chip AD9361, Frequency range 70M-6Ghz, Signal bandwidth 200K-56Mhz
- 1GB DDR3, 256Mb QSPI FLASH, 256Kb E2PROM
- Dimensions: Board 115x70x2.2mm, shell 125x75x23mm
- Industrial grade, 8-36V ultra-wide voltage power supply (limit 50V), excellent performance and high isolation
- Support open source software, Provide hardware reference & software rich routines, Customised Services
- [Interface Function Display](#)
- [Product Parameters](#)
- [Delivery List](#)

Block Diagram



PZSDR Software Defined Radio

P201Pro



Multiple Open
Source Software



High Isolation
Excellent Performance



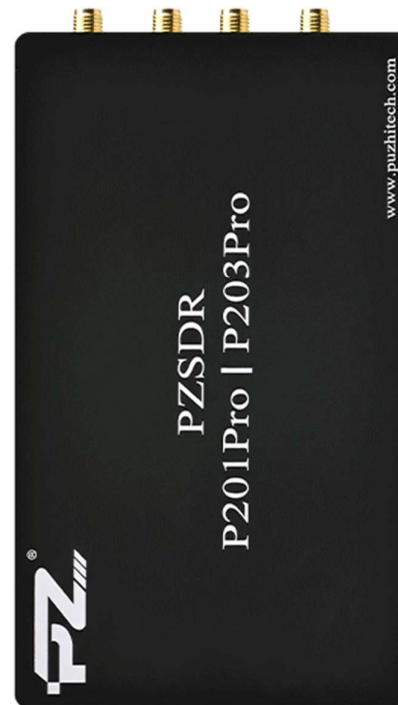
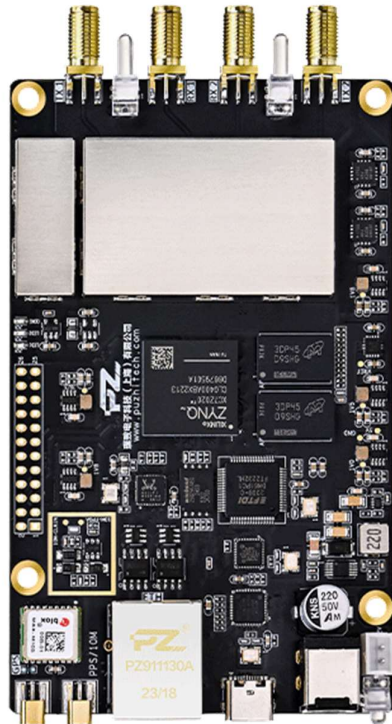
Industrial Grade
Ultra Wide Voltage



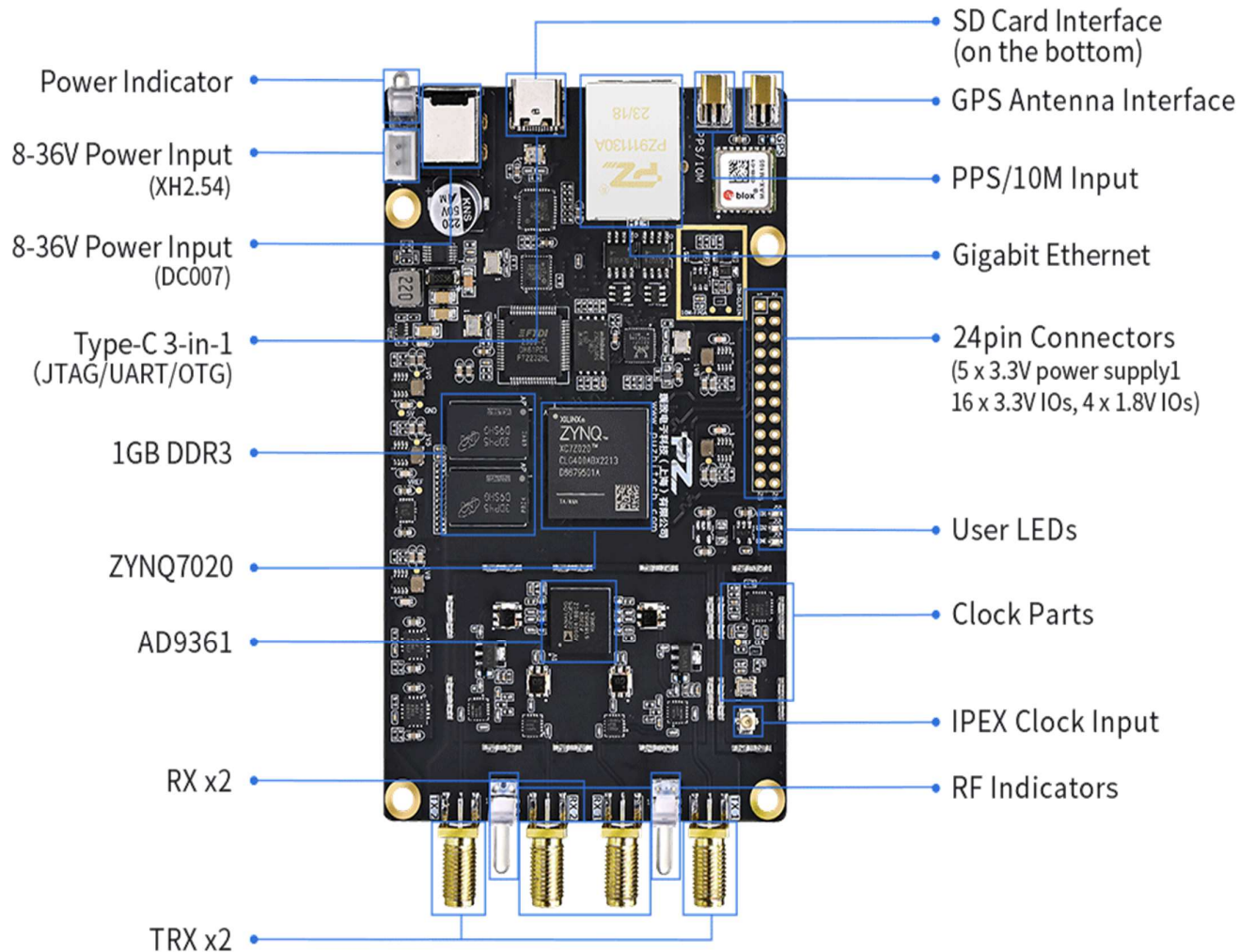
Static Protection
Safe and Reliable



Customised
Services



Interface Function Display

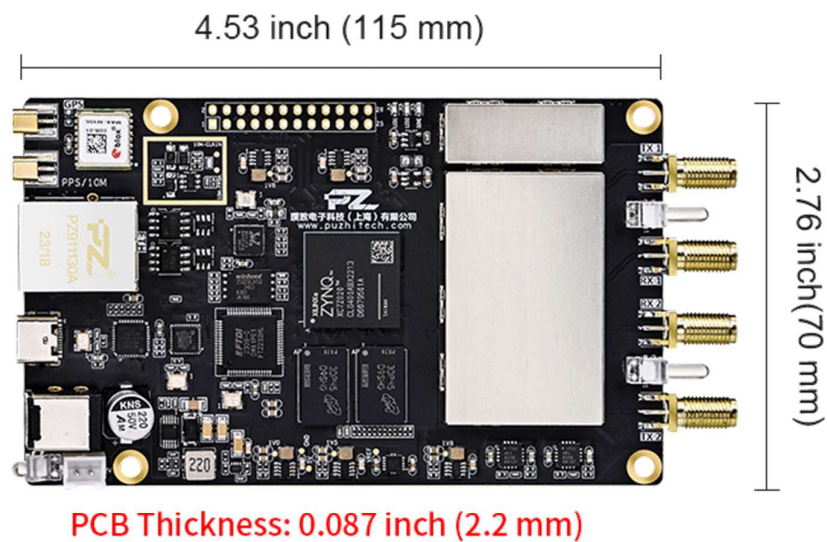


Product Parameters

PZSDR Main Parameters

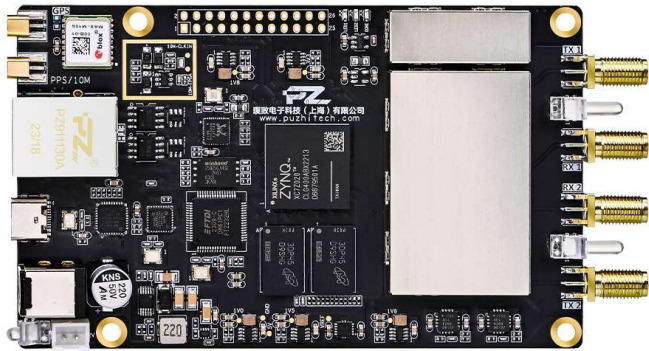
SDR Module	P201Pro
RF Chip	AD9361
Frequency Range	70M-6Ghz
Signal Bandwidths	200K-56Mhz
Power Amplifier	2 Channel of TX
FPGA Chip	XC7Z020-2CLG400I
Processor Core	Dual Cortex-A9、766Mhz
Logic Cells	85K
DDR3	1GB
QSPI FLASH	256Mb
E2PROM	256Kb
RF Clock	40M VCTCXO(0.5PPM)/ipex input/External input (Default 40M VCTCXO)
Gigabit Ethernet	1
USB OTG	1
UART	1
JTAG	1
SD 卡	1
GPS	1
PPS/10M Input	1
External input	1
Expansion Port IOs	16 x 3.3V IO、 4 x 1.8V IO
Form Factors	Board: 115x70x2.2mm with Shell: 125x75x23mm
Protection Class	All External Interfaces are Protected againstStatic Electricity,Clock/RF are Shielded
Power Supply	8-36V Ultra-wide Voltage Supply (Limit 50V)
Working Temperature	-40°C~+85°C

Product Dimensions



Rich Support Resources

Porting & OpenSource Support	1. PlutoSDR 2. UHD 3. FMCCOMS3 4. AD9361 Non-Operating System Engineering
Open Source Software Packages	1. vivado2019.1 2. ubuntu-18.04.4 3. GNU Radio 4. SDRangel 5. SDR# 6. Matlab Simulink 7. Gqrx SDR 8. PYNQ
Customisation & Support	Provide Customised Services, Professional Technical Support, Constantly Updated Demos





Shipment List



SDR FPGA Board



Customised Shell



12V/1A Power Adapter



GPS Antenna



Type C Cable



Gigabit Network Cable



Glue Stick Antenna (2.4/5.8G Dual Band)



Spring Antenna (100M-6G)



32GB SD Card SD Card Reader

Company

Introduction

Founded in 2017 with Many Years of Experience in R&D. Focus on SDR and ARM/FPGA Technology Solutions

Products

FPGA SOM Core Boards, FPGA Development Boards and SDRs Cover the Full Range of Xilinx and China FPGA chips.

SDR Customized Solution



Drones



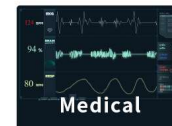
Spectrum Monitoring



Radar



GPS/GNSS



Medical



LoT/M2M



Testing Measurement



Network Security