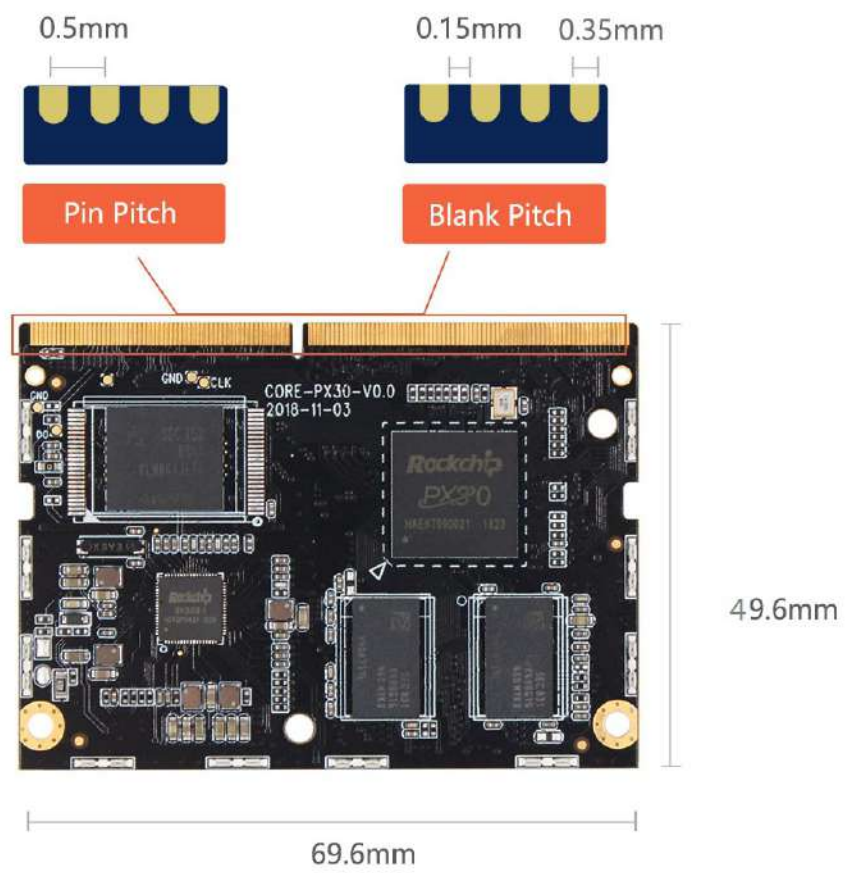
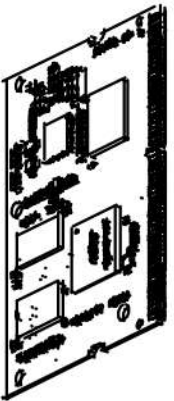


2. Product Specification

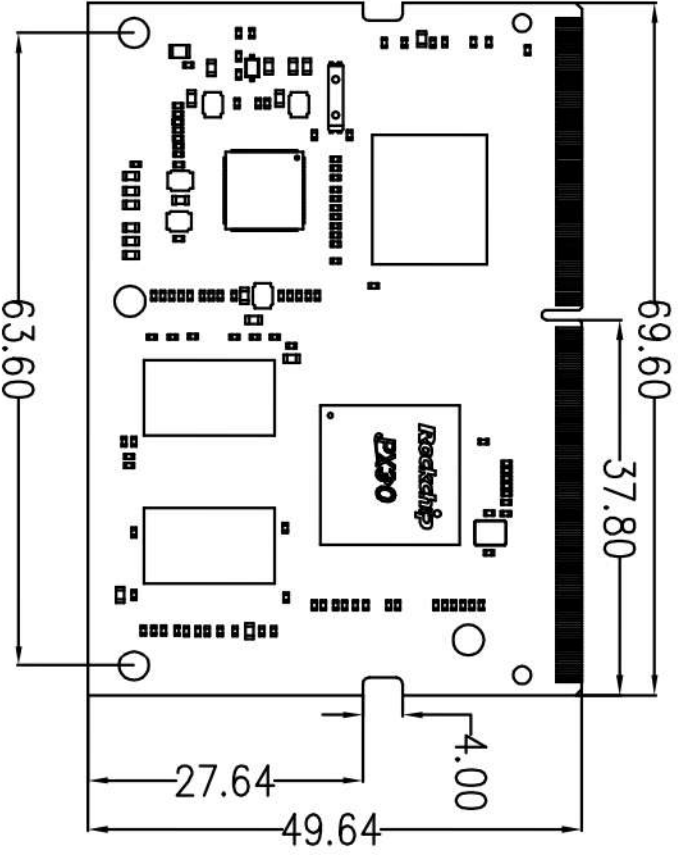
Specification	
SOC	Rockchip PX30
CPU	Quad-Core ARM® Cortex-A35 processor
GPU	Mali-G31GPU, Support OpenGL ES3.2, Vulkan 1.0, OpenCL 2.0 Built-in embedded high-performance 2D acceleration hardware
VPU	Multi-format1080P 60fps video decoding (H.265,H.264,VC-1, MPEG-1/2/4, VP8) 1080P video coding, support H.264,VP8
RAM	DDR3 (1GB/2GB)
Storage	eMMC 5.1 (8GB/16GB/32GB/64GB/128GB) Support MLC NAND
Hardware Features	
Ethernet	10 / 100 MbpsEthernet interface (RJ45)
WiFi	Extend WiFi & Bluetooth via SDIO3.0
Display	Support RGB/LVDS/MIPI-DSI interface, Support dual-VOP (Dual display) ,Resolution up to 1920x1080
Audio	1 x SPDIF, for audio output 1 x 8ch I ² S /TDM, 1x8ch PDM, 1x2ch I ² S/PCM
USB	1 x OTG , 1 x USB2.0 Host
Interface	I2C, UART, SPI, SDIO3.0, USB2.0, PWM, RMII, I2S (Support 8-way digital microphone array input)
Power	DC input voltage 5V
OS / Software	
OS	Android, Linux+QT, Ubuntu
Appearance	
Size	69.6mm × 49.6 mm
Type	Gold finger (SODIMM 260P, 0.5mm pitch)
PCB	6-layer board design

3. PCB Size

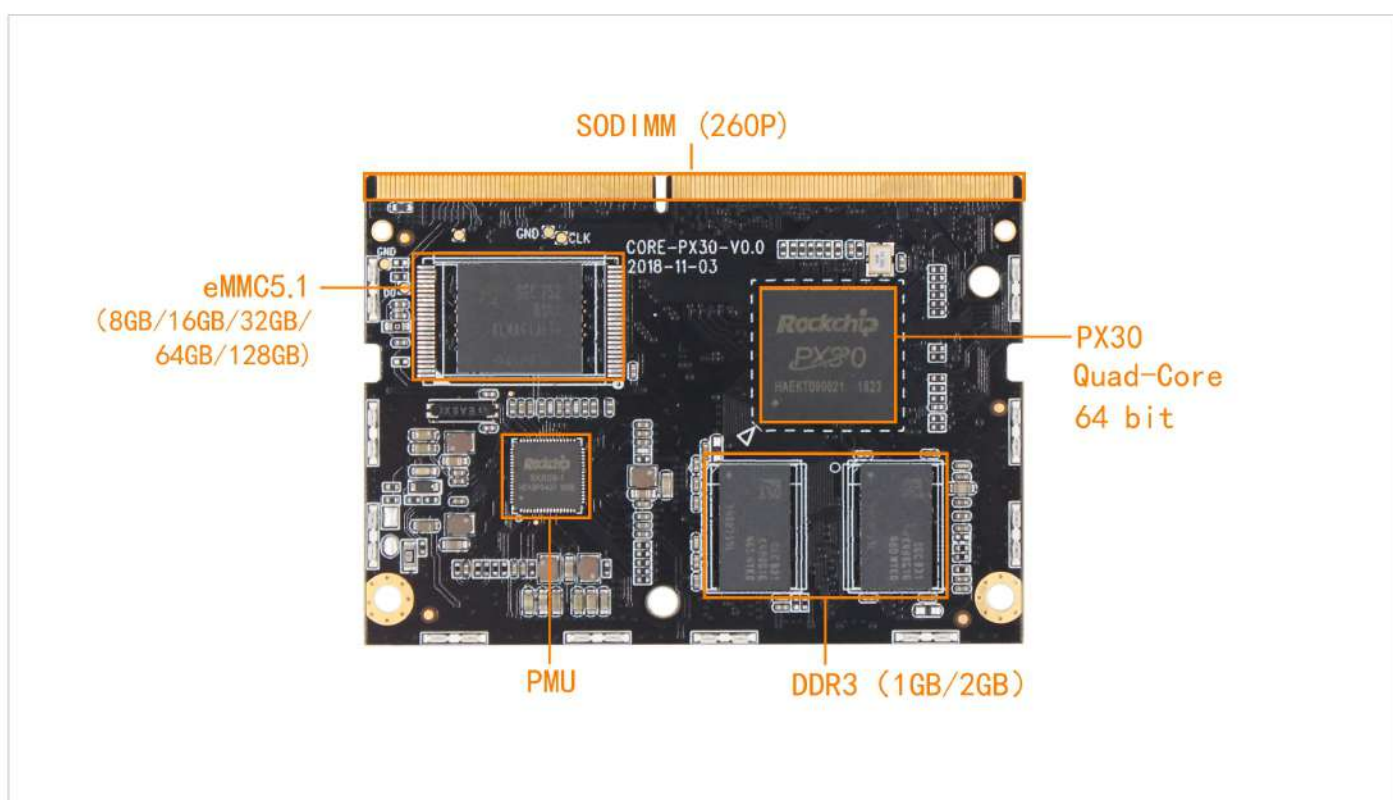




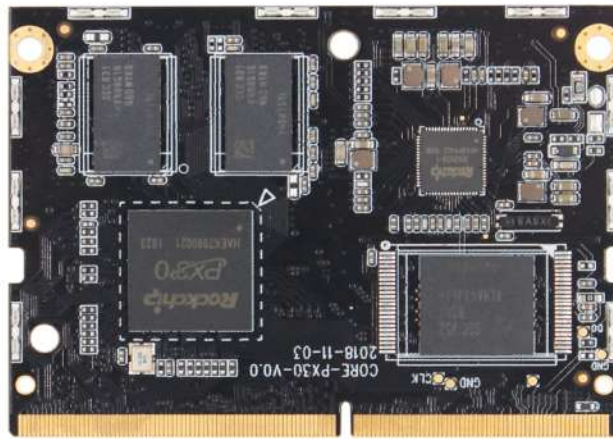
比例 0.500



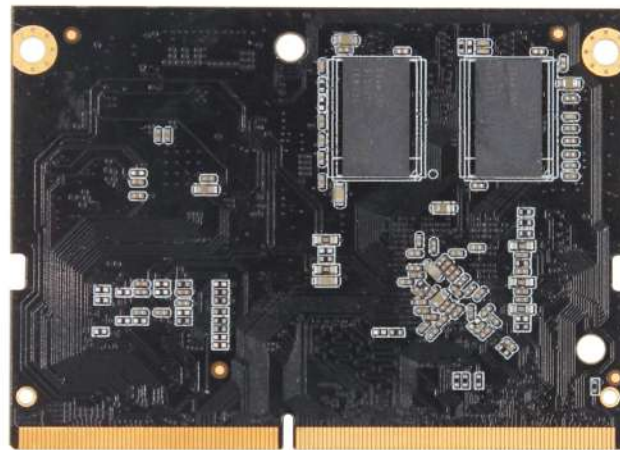
4. Interface definition



Pin Arrangement



1, 3, 5, 7, 9, 11 253, 255, 257, 259



260, 258, 256, 254 12, 10, 8, 6, 4, 2