

3D graphics SoC

Geometry Engine

Rendering Engine

Master Wrapper

Slave Wrapper

Master Wrapper

Slave Wrapper

AHB BUS

Arbiter

Decoder

Default Master

SystemC Interface

Master Interface

Slave Interface

QEMU Virtual Machine

QEMU Interface

Slave Interface

ARM9 CPU

AHB BUS

OS, device driver, etc.

Master Interface

SDRAM

TCP/IP