

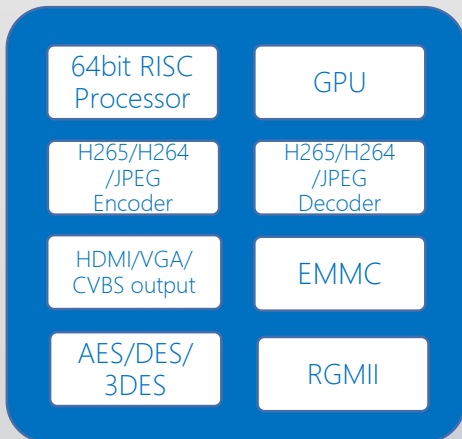


Application | Professional NVR

Features

- Support multiple channels HD NVR
- Support high performance H.265/H.264 video codec.
- Support HDMI/VGA video display.
- Support PCIE/SATA/USB/Ethernet peripherals.

Block Diagram



Specifications

CPU	Octa Core CPU Support up to 1.5GHz
Video codec	Encoder: 4x1080p@30fps H265/H264, 1080p@120fps JPEG Decoder: 32x1080p@30fps H265/H264, 1080p@120fps JPEG
GPU	Dual Core GPU
Video Output	2xHDMI 2.1 output, support up to 7680x4320@30fps 2xVGA output, support up to 2560x1600@60fps 1xCVBS output
Memory	64bit 2133Mbps/DDR3, 3200Mbps/DDR4, up to 8GB 1x8bit EMMC5.1 port, up to HS400 1xSPI NOR/NAND Flash
Network	2 External Gigabit Ports
Peripherals	3x 2lane PCIE3.0, 5xSATA3, 1xUSB3, 2xUSB2 3xI2S, 3xUART, 1xI2C, 1xIR, GPIO
Package	FCBGA758, 23mmx23mm Working temperature: -20°C~70°C
Others	Typical power consumption: 7W Power supply: Analog: 1.8v, IO: 3.3v/1.8v, Digital: CPU-1.0v, CORE-0.9v

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1+1Sm hi &file, &filo&o oc anicrM ha c
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