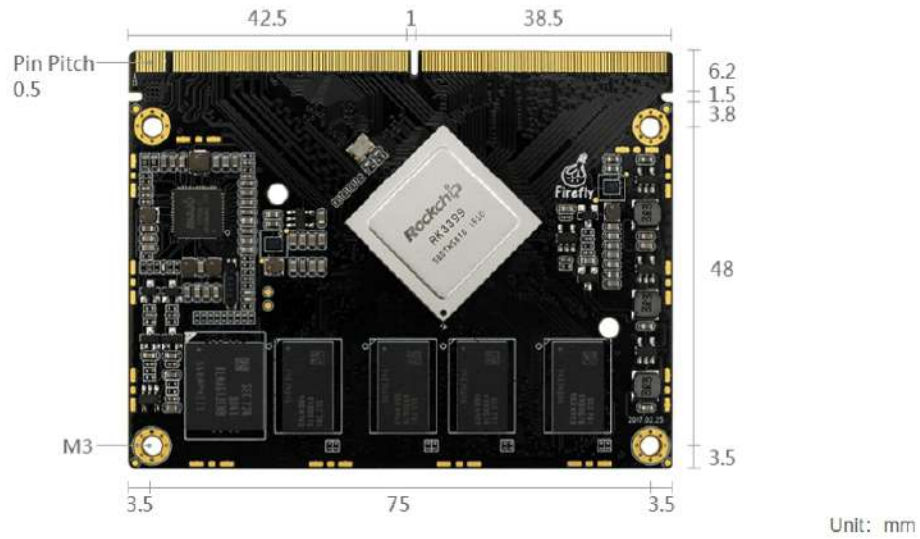


Specification



Specification	Core-3399KJ	Core-3399J
SoC	RK3399K (28 nm HKMG lithography process) max frequency 2.0 GHz	RK3399 (28 nm HKMG lithography process) , max frequency 1.8 GHz
CPU	ARM® 6-core 64-bit processor, based on big. LITTLE architecture, Dual-core Cortex-A72(big)+ Quad-core Cortex-A53(LITTLE)	
GPU	ARM® Mali-T860 MP4 quad-core GPU Supports OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11 Supports AFBC (Arm Framebuffer Compression)	
VPU	Supports 4K VP9 and 4K 10bits H265/H264 video decoding, up to 60fps 1080P multi-format video decoding (WMV, MPEG-1/2/4, VP8) 1080P video encoding, Supports H.264, VP8 format Video post-processing: IVTC, denoising, edge/detail/color optimization	
Power Management	RK808 PMU	
RAM	2GB dual-channel 64bit DDR3-1333MHz (1GB/2GB/4GB optional)	
Storage	16GB high-speed eMMC 5.1 (8GB/16GB/32GB/128GB optional)	
OS	Android , Linux, Flint OS	
WiFi	With SDIO port, to extend WiFi&Bluetooth two-in-one module Supports 2.4GHz / 5GHz dual-band WiFi, 802.11a/b/g/n/ac protocol	

Ethernet	<p>Integrated GMAC Ethernet controller</p> <p>Supports Realtek RTL8211E expansion to reach 10/100/1000Mbps</p>	
Display	<p>Video output ports:</p> <ul style="list-style-type: none"> - 1 x HDMI 2.0 , Supports 4K@60HZ output and HDCP 1.4/2.2 - 1 x DP 1.2 (DisplayPort) , Supports 4K@60fps output <p>Display ports (Supports dual monitors with same or different displaying) :</p> <ul style="list-style-type: none"> - 1 x MIPI-DSI , Supports dual-channel 2560x1600@60fps output - 1 x eDP 1.3 (4 lanes with 10.8Gbps) 	
Audio	<p>1 x HDMI 2.0 and 1 x DP 1.2 (DisplayPort) , audio output</p> <p>1 x SPDIF digital audio port, for audio output</p> <p>3 x I2Sfor audio input and output, (I2S0/I2S2 supports 8-channel input/output, I2S2 internally supports HDMI/DP audio output)</p>	
Camera	<p>2 x MIPI-CSI camera port(built-in dual ISP, supports up to single 13Mpixel or dual 8Mpixel)</p> <p>1 x DVP camera port (Supports up to 5Mpixel)</p>	
USB	<p>2 x USB2.0 Host, 2 x USB3.0</p>	
Interface	<p>I2C, I2S, SPI, UART, ADC, PWM, GPIO, USB, PCIe, SDMMC</p>	
Size	<p>82mm x 63mm</p>	
Interface Type	<p>MXM3.0 (314 PIN, 0.5mm pitch)</p>	
Operating Temperature	-20°C-70°C	-20°C-60°C
Storage Temperature	-20°C-85°C	-20°C-70°C