Supported Graphics Processors

CoreSuite 2.0 Architecture

Processor	Type	Power	Vulkan SC	OpenGL SC	Encode & Decode	Video Stream I/O	GPU Compute	DO-178C Certifiable
ARM Mali G78AE								
Telechips Dolphin 5	SoC	Pending	Yes	SC 1 & SC 2	Roadmap	Yes	Yes	Yes
AMD Xilinx Versal Prime Series Gen 2 (Roadmap)	SoC	Pending	Yes	SC 1 & SC 2	Roadmap	Yes	Yes	Yes
Intel 11th Gen (Intel Xe Graphics)								
i7-1185GREC	SoC	12 W - 25 W	Yes	SC 1 & SC 2	Both	Yes	Yes	Yes
i7-1186GREC	SoC	12 W - 25 W	Yes	SC 1 & SC 2	Both	Yes	Yes	Yes
NXP								
i.MX8 QuadMax (Dual GC7000XS/VX)	SoC	2 W - 10 W	Yes	SC 1 & SC 2	Decode	Yes	No	Yes
AMD								
E9171 (100-CG3135E)	MCM	3 W - 25 W	Yes	SC 1 & SC 2	Both	Yes	Yes	Yes

Argus Architecture

Processor	Type	Power	Vulkan SC	OpenGL SC	Encode & Decode	Video Stream I/O	GPU Compute	DO-178C Certifiable
AMD								
E8860 (100-CK5157E)	MCM	9 W - 32 W	No	SC 1 & SC 2	Both	Yes	No	Yes
E4690	MCM	15 W - 32 W	No	SC 1	Decode	Yes	No	Yes
M9/Radeon 9000	MCM	5 W - 28 W	No	SC 1	No	Yes	No	Yes
G-Series (GE209HISJ23HM	SoC	5 W - 28 W	No	SC 1 & SC 2	No	Yes	No	Yes
Intel 9th Gen								
Apollo Lake - E3900 (HD Graphics 500, HD Graphics 505)	SoC	6 W - 105 W	No	SC 2	No	Yes	No	Yes
Skylake (HD Graphics 510-580)	SoC	6 W - 105 W	No	SC 2	No	Yes	No	Yes
Intel 7th Gen								
Ivy Bridge (HD Graphics 4000)	SoC	4 W - 90 W	No	SC 1	No	Yes	No	Yes
Baytrail (HD Graphics E3800)	SoC	4 W - 90 W	No	SC 1	No	Yes	No	Yes
Haswell (HD 5000)	SoC	4 W - 90 W	No	SC 1	No	Yes	No	Yes
NXP								
S32V234 (GC3000)	SoC	2 W - 6 W	No	SC 1	No	Yes	No	Yes
i.MX6 (Solo - GC880, Quad/Dual - GC2000, Quad Plus - GC3000)	SoC	1 W - 6 W	No	SC 1	No	Yes	No	Yes