

Dear Partners:

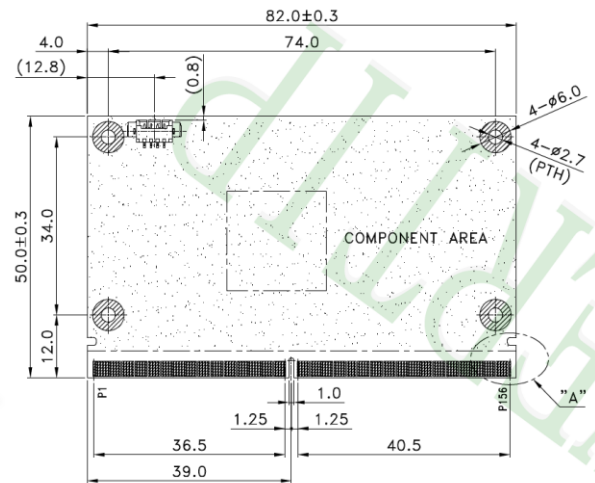
Accelerate your device with our latest SMARC design - P05D00108-00, an ultra-small system-on-modules targeted towards application demands compactness and energy efficiency. Operation system includes Linux (Buildroot, Yocto, Debian) and Android.

Preferrable projects in fleet management, automation, embedded computing and industrial IoT domains.

Please visit our website to learn more about our products or contact with your sales representative for pricing and more information.

■ SMARC P05D00108-00

Item	Description	
CPU	RK3568	Quad-Core ARM Cortex-A55
GPU	Mali-G52-2EE	OpenGL ES 1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1
NPU	RKNN	Accelerator with processing performance up to 1 TOPS
Memory	On Board RAM	2GB LPDDR4 SDRAM
	On Board Flash (Default Boot Device)	16GB eMMC Flash (Optional: 32GB/64GB)
I/O	Display (Up to three)	2 × LVDS or MIPI-DSI 1 × HDMI 2.0 1 × Display Port
	USB	1 × USB 3.0 OTG
		6 × USB Host (5 for USB 2.0, 1 for USB 3.0)
	Ethernet	2 × RGMII (10/100/1000 Mbps)
	USB	1 × USB2.0 Device
	Default Peripheral (maximum)	4 × UART (SER3 for Debug Used) 4 × I2C / 1 × SPI / 1 × QSPI / 2 × I2S 1 × MIPI-CSI (4 Lane) / 2 × CAN / 1 × SDIO 1 × SATA / 1 × PCI-E 3.0 x1 1 × PCI-E 3.0 x2 / 14 × GPIOs



- Application:
- Automation
- Embedded computing
- Fleet management
- Industrial IoT domains.

