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## **Differences Between Raspberry Pie , Dragon, Imx7 Sabre, BBB**

SI No	Features	Raspberry pie	Snapdragon Qualcomm	imx7 Sabre	Beagle Bone black
1	Processor Type	It uses ARM11 processor.	It uses octa-core Snapdragon 835 SoC	It uses ARM Cortex-A7 and Cortex-M4	It uses ARM Cortex-A8 processor.
2	RAM	512 MB SDRAM	8GB RAM	1 GB DDR3 SDRAM 8 GB eMMC Flash	512 MB DDR3L
3	GPIO Pins	It has 12 GPIO pins	It has 12 GPIO pins	Eight PMIC GPIO pins are available	It has 69 GPIO pins
4	Min power	It requires a power supply of 700mA	Low power voice activation requires 0.65mA	5V/5A universal power supply	It requires min power of 210mA
5	Processor Speed	It uses 700 MHz for processing	It uses 2.3 GHz for processing	It uses 1 GHz for processing	It uses 1 GHz for its processing