Mega 2560 vs Mega 1280 vs Due vs GIGA R1 WiFi vs Raspberry Pi 4

Feature	Mega 2560	Mega 1280	Due	GIGA R1 WiFi	Raspberry Pi 4 B
CPU	ATmega2560	ATmega1280	SAM3X8E Cortex-M3	STM32H747XI M7+M4	BCM2711 Cortex-A72
Architecture	8-bit AVR	8-bit AVR	32-bit ARM Cortex-M3	32-bit ARM M7/M4	64-bit ARM Cortex-A72
Clock Speed	16 MHz	16 MHz	84 MHz	480 MHz (M7)+240 MHz (M4)	1.5 GHz Quad-core
Cores	1	1	1	2	4
Flash	256 KB	128 KB	512 KB	2 MB + ext Flash	SD card (GB-TB)
SRAM	8 KB	8 KB	96 KB	1 MB + 16 MB SDRAM	1-8 GB LPDDR4
EEPROM	4 KB	4 KB	None	None	None
Networking	None	None	None	WiFi + BT	Ethernet, WiFi, BT
USB	USB-B	USB-B	USB Micro-B OTG	USB-C	USB-C, 2xUSB2, 2xUSB3
OS	Bare metal	Bare metal	Bare metal	Bare metal, Mbed	Linux (Raspbian)
Use Case	Basic I/O control	Basic I/O control	Faster 32-bit RT	IoT, UI, WiFi	Full Linux computer