Differences between Microprocessor and Microcontroller

Parameters	Microprocessor	Microcontroller
Applications	Gaming, web browsing, document creation etc.	Dedicated for specific tasks (Camera, washing machine etc.)
Internal Structure	Memory and I/O devices connected externally	CPU, memory and I/O are present internally
Cost	High	Low
Power Consumption	High	Low
Memory (RAM)	512 MB to up to 32 GB	2KB to up to 256 KB
Storage (ROM)	Hard Disk (128 GB to up to 2 TB)	Flash memory (32 KB to 2 MB)
Peripheral Interfaces	USB, UART, High speed Ethernet	UART, I2C, SPI
Size of registers, Adress and Data bus	32 bit or 64 bit	8 bit, 16 bit or 32 bit