

	Type	Application	Characteristic	Remark
Instruction complexity	RISC	Embedded control	Load/store instructions for memory access	MIPS, ARM, PowerPC
	CISC	Personal Computer/ Servers	Complex, variable-length instructions	Intel x86-based
Instruction-level parallelism (ILP)	Superscalar	Personal Computer/ Embedded	Instruction parallelism on run-time	Intel, ARM, PowerPC
	VLIW	Image Processing	Instruction parallelism on compile-time	Parallel video pixel processing
Application-specific area	ASIP	Embedded	Application-specific intructions	Tensilica
	DSP	Signal Processing	HW multiply for digital filters	TI