Processor Type	Onboard?	Programmable?
General-Purpose Processor	no	yes
Embedded RISC Processor	yes	yes
I/O Processors	yes	yes
Coprocessors	yes	no
Physical Interfaces	no	no

Figure 17.7 The processor hierarchy used with an Intel IXP2xxx. Although onboard coprocessors are not programmable, they may be configurable.