Coprocessor	Purpose
Data Store	Provides frame buffer DMA
Checksum	Calculates or verifies header checksums
Enqueue	Passes outgoing frames to switch or target queues
Interface	Provides access to internal registers and memory
String Copy	Transfers internal bulk data at high speed
Counter	Updates counters used in protocol processing
Policy	Manages traffic
Semaphore	Coordinates and synchronizes threads

Figure 15.14 Eight coprocessors found on an IBM network processor and the function of each.