Memory Type	Addressable Data Unit (bytes)	Relative Access Time	Special Features
Scratch	4	12 - 14	synchronization via test-and-set and other bit manipulation, atomic increment
SRAM	4	16 - 20	stack manipulation, bit manipulation, read/write locks
SDRAM	8	32 - 40	direct transfer path to I/O devices

Figure 18.9 Characteristics of the three primary memory types used with the Intel IXP1200. Relative access times are given in basic clock cycles.