Macro	Purpose
dl_buf_init	Initialize the buffer API
dl_buf_alloc	Allocate a packet buffer
dl_buf_free	Deallocate a packet buffer
dl_buf_get_desc	Return SRAM pointer to metadata from a buffer
dl_buf_get_data	Return DRAM pointer to buffer data area
dl_meta_init_cache	Populate a metadata cache
dl_meta_flush_cache	Flush metadata cache to SRAM
dl_meta_get_buffer_next	Move to next buffer in a chain
dl_meta_get_offset	Find offset of data within a buffer
dl_meta_get_free_list	Find free list from which buffer was allocated
dl_meta_get_rx_stat	Extract receive status from a buffer
dl_meta_get_buffer_size	Find the size of data in a given buffer
dl_meta_get_packet_size	Find the total size of a packet
dl_meta_get_input_port	Find the input port over which packet arrived
dl_meta_set_output_port	Set the output port to which packet will be sent

Figure 24.3 Intel macros related to buffer management and the dispatch loop. Many of the macros access state information that is kept with each packet.