

### HP-Precision Bus

The HP-Precision Bus supports I/O expansion cards for interfacing to peripheral devices and providing data communications functions. The PMB supports up to 8 HP Precision Busses (HP-PB) through separate dual bus converters. One dual bus converter connects to two HP-PBs. The Precision Bus provides a 32-bit data path and can support a peak data transfer rate of 32 Mbytes/sec. In the maximum Precision Bus configuration, aggregate I/O throughput is 256 Mbytes/sec.

### Peripheral connections

Disks are connected via Precision Bus Fiber Optic Link interfaces (PB-FL), which support up to eight disk drives each. Disks, tapes and system printers are connected either via an industry standard SCSI channel card or a Precision Bus Adapter Interface Bus (PBA-IB) channel card which supports the 8 bit wide, IEEE-488 standard Hewlett-Packard Interface Bus (HP-IB). One SCSI channel card is integrated into the system and provides connection for up to seven peripheral devices. One PB-FL is integrated into the system for support of up to eight disk drives, and one PBA-IB is included for support of up to 6 peripheral devices. In addition to peripheral interface cards, the

HP-PB card cage supports Programmable Serial Interface (PSI) cards, allowing HP 3000 900 Series systems to be linked to other computers in a distributed computing environment, and an 802.3 Local Area Network Interface Channel (LANIC) for system-to-system datacommunications. A Corporate Business System with a full complement of card cages supports a maximum of 40 PB-FL cards, 40 SCSI cards, 16 PBA-IB cards or 8 PSIs.

Figure 4. Peripheral Connections

