



Typical Steps During I/O

a) Processor requests the 1/0 module for device status.

3) Ito module returns the status to the processor.

c) If the device is ready, processor requests data transfer.

d) 1/0 medule gets data from device (say, Input device).

e) I/O module transfers data to the processor.

f) brocessor stores the data in memory.

How are Ho devices typically interfaced?

Through input and output ports. In Jok revendent of the several of th -> Output port: Basically a PIPO register that is enabled when a particular output device address is given - The register inputs are connected to the data bus, and the negister outputs are connected to the data beix output deince buffer - Cheimples Barically a parallel tristate bus driver, that -> Input port: is enabled when a particular input device address is given

The driver outsite are connected to the date had