



The diagram illustrates a 1000-bit data bus system. A central horizontal bus line is connected to 1000 individual bit lines, each labeled with a number from 1 to 1000. The bus is connected to a series of 1000 input/output ports, each labeled with a number from 1 to 1000. The ports are arranged in a grid-like pattern, with 100 ports per row and 10 rows. The diagram is color-coded, with the bus line and port labels in yellow, and the bit lines in various colors (red, green, blue, orange, etc.).