



Figure 3 RS-232 started as a telecom standard to connect modems to computers (a). It used all 25 pins of a DB-25 connector. It has since evolved to a simple three-wire connection. The multidrop RS-422 standard can have 10 receivers (b), and RS-485 is a bidirectional bus with as many as 32 receivers and transmitters (c) (courtesy Omega Engineering).