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Scientists from the RAND Corporation have created this model to illustrate how a “home computer” could look like in the year 2004. However, the needed technology will not be economically feasible for the average home. Also, the scientists readily admit that the computer will require not yet invented technology to actually work, but 50 years from now scientific progress is expected to solve these problems. With teletype interface and the Fortran language, the computer will be easy to use.
Most of the infrastructure is 50 to 70 years old
High Tech Toys

Variable Frequency Transformer

Thyristor Controlled Series Capacitor

High Temperature Superconductor
High Temperature Superconducting Cable Installations