

A statistical approach for performance evaluation of 386 and 486 microprocessors

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Abstract

This paper endeavors to show how multivariate statistical techniques may be used to assess the hardware performance of 386 and 486 based microcomputers. The benchmark test results collected from 34 microcomputers were analyzed in order to find the objective "assessment criterion" which could be used as part of the future certification process. The dominant hardware components for the price of these computers were also searched.