

Computer Organisation

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Chapter 1

Introduction

1.1 Architecture vs Organisation

Computer architecture is a set of rules and methods that describe the functionality organization, and implementation of computer systems. Some definitions of architecture define it as describing the capabilities and programming model of a computer but not a particular implementation.

Microarchitecture, also called **computer organization** and sometimes abbreviated as `µarch` or `uarch`, is the way a given instruction set architecture is implemented in a particular processor.