

AMD64 Architecture Programmer's Manual Volume 1: Application Programming

6 x87 Floating-Point Programming

6.1 Overview

6.2 Registers

6.3 Operands

AMD64 Architecture Programmer's Manual Volume 2: System Programming

5 Page Translation and Protection

5.1 Page Translation Overview

5.2 Legacy-Mode Page Translation

5.3 Long-Mode Page Translation

5.4 Page-Translation-Table Entry Fields

5.5 Translation-Lookaside Buffer (TLB)

AMD64 Architecture Programmer's Manual Volume 3: General-Purpose and System Instructions

1 Instruction Formats

1.1 Instruction Byte Order

1.3 Opcode

1.4 ModRM and SIB Bytes

1.5 Displacement Bytes

1.6 Immediate Bytes

Software Optimization Guide for AMD64 Processors

Appendix A Microarchitecture for AMD Athlon 64 and AMD Opteron Processors

Appendix C Instruction Latencies