

# 3. The microarchitecture of Intel, AMD and VIA CPUs

## An optimization guide for assembly programmers and compiler makers

By Agner Fog, Technical University of Denmark.  
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**Ian Pickup**



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also serve as an invaluable reference to senior undergraduate and graduate students with an interest in embedded systems research

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C/C++ Users Journal , 2003

*ACM SIGPLAN Notices* , 2005-07

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Languages and Compilers for Parallel Computing , 1996

*The Definitive Guide to GCC* Kurt Wall, William von Hagen, 2004 Besides covering the most recently released versions of GCC this book provides a complete command reference explains how to use the info online help system and covers material not covered in other texts including profiling test coverage and how to build and install GCC on a variety of operating system and hardware platforms It also covers how to integrate with other GNU development tools including automake autoconf and libtool

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