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VUMA Proposal

(Draft)

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**VESA Unified Memory Architecture
Hardware Specifications Proposal**

Version: 1.0p

Document Revision: 0.4p

October 31, 1995

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Purpose

To enable core logic chipset and VUMA device designers to design VUMA devices supporting the Unified Memory Architecture.

Summary

This document contains a specification for VUMA devices' hardware interface. It includes logical and electrical interface specifications. The BIOS protocol is described in VESA document VUMA VESA BIOS Extensions (VUMA-SBE) rev. 1.0.

Scope

Because this is a draft document, it cannot be considered complete or accurate in all respects although every effort has been made to minimize errors.

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Acknowledgments

This document would not have been possible without the efforts of the members of the 1995 VESA Unified Memory Architecture Committee and the professional support of the VESA staff.

Work Group Members

Any industry standard requires information from many sources. The following list recognizes members of the VUMA Committee, which was responsible for combining all of the industry input into this proposal.

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Revision History

Initial Revision 0.1p	Sept. 21 '95
Revision 0.2p Added sync DRAM support Electrical Section Boot Protocol Reformatted document	Oct 5 '95
Revision 0.3p Graphics controller replaced with VUMA device MD[n:0] changed to t/s Modified Aux Memory description Added third solution to Memory Expansion Problem Sync DRAM burst length changed to 2/4 Modified all the bus hand off diagrams Added DRAM Driver Characteristics section	Oct 19 '95
Revision 0.4p Sync DRAM Burst Length changed to 1/2/4 DRAM controller pin multiplexing added Changed AC timing parameters	Oct 19 '95

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