COMPAQ Better answers		For Customers who want more than 4GB of memory access: INFORMATION ABOUT INTEL PSE36 AND MICROSOFT PAF		
<u> </u>	F	Currently, most IA-32 microprocessor operating memory. Intel has provided the Physical Addres 64GB of physical memory. IA-32 microprocesso For the Pentium II processors, Intel added Page S memory capacity over 4GB.	s Extensions (PAE) virtual men or operating systems have been s	nory management feature slow to adopt a PAE virtu
		Compaq recommends customers research their p work with both virtual memory management arc the two management systems that include benefit	hitectures; however, Intel techni	
What is PSE36?	Intel offers Page Size Extension, 32-bit (PSE36), a memory management system for accessing memory over 4GB.		What is PAE?	The Physical Addres management system to the 32-bit system
How it Works	to extend manage, to memory is ramdisk fi	ementation, like the PAE, allows a processor the amount of memory that a system can up to 64GB. Access to and from the upper s done by read and write routines that mimic unctionality. This results in the data being hich affects system performance.	How it Works	memory under 4GB. of physical memory the virtual memory r This implementation processor to extend t processor can manag
Benefits of PSE36	The new scheme allows up to 64GB of 4MB pages and allows access to all memory at the same time, providing a large-memory system.			implementation in W extend the amount o providing the ability be positioned to acce
System Requirements	Edition, S The PSE3 suitably co processors	supported by Windows NT 4.0, Enterprise ervice Pack 3 or later. 6 driver runs on Intel Architecture with onfigured systems based on Pentium III Xeon s. The system memory controller must pport for 36-bit physical addressing.	Benefits of PAE	With Microsoft Win- Intel 32-bit (IA-32) j for over 4GB of men up to 64GB of physic 4KB pages, providin available through the Intel. Customers wil Windows 2000, as th
	limited n develope	his system is intended for only a very number of hardware and software ers and should only be downloaded by ISVs and OEMs, not end-users.	Support	Another feature of P ability to have more to 3GB of address sp the same time, provi- memory. PAE is su 2000 Advanced Serv UnixWare 7.x, and S

Purchasing and Technical Support from Intel: For more information on how to purchase PSE36 and detailed information go to: http://www.developer.intel.com/vtune/vtcd or http://www.intel.com/ebusiness/server/resources/pentiumiii/xeon/whitep **Microsoft support of PAE** : For more information, go to <u>http://www.microsoft.com/Windows/server</u>