

COMPARATIVA de ESPECIFICACIONES

P6X58D Premium versus **GA-EX58-UD5**

Característica	ASUS P6X58D	Gigabyte GA-EX58-UD5
CPU	Socket 1366 Core™ i7 Processor Extreme Edition/Core™ i7 Processor Soporta la tecnología Turbo Boost de Intel®	<ol style="list-style-type: none"> 1. Support for an Intel® Core™ i7 series processor in the LGA 1366 package (Go to CPU Support List for the latest CPU support) 2. L3 cache varies with CPU
Chipset	X58 / ICH10R	<ol style="list-style-type: none"> 1. North Bridge: Intel® X58 Express Chipset 2. South Bridge: Intel® ICH10R
Memoria	<p>6 x DIMM Máx. 24 GB, DDR3 2000(O.C.)*/1600/1333/1066 Non-ECC, Un-buffered Memoria</p> <p>Triple channel arquitectura de memoria</p> <p>Visita www.asus.com o el manual de usuario para la lista completa de vendedores cualificados.</p> <p>Soporta Intel® Extreme Memory Profile (XMP)</p> <p>* El soporte Hyper DIMM está sujeto a las características físicas de cada CPU. Algunos HyperDIMM soportan un único modulo por canal.</p>	<ol style="list-style-type: none"> 1. 6 x 1.5V DDR3 DIMM sockets supporting up to 24 GB of system memory (Note 1) 2. Dual/3 channel memory architecture 3. Support for DDR3 2100+/1333/1066/800 MHz memory modules <p>(Go to Memory Support List for the latest memory support list.)</p>
Ranuras de Expansión	<ol style="list-style-type: none"> 1. 3 x PCIe 2.0 (en modo x16/x8/x8 o x16/x16/x1) 2. 1 x PCIe 3. 2 x PCI 4. Soporta la tecnología NVIDIA® 3-Way SLI™ * <p>Soporta la tecnología ATI® Quad-GPU CrossFireX™</p>	<ol style="list-style-type: none"> 1) 2 x PCI Express x16 slots, running at x16 (PCIEX16_1/PCIEX16_2) (Note 2) 2) 1 x PCI Express x8 slot, running at x8 (PCIEX8_1) (Note 3) (The PCIEX16_1, PCIEX16_2 and PCIEX8_1 slots support 2-Way/3-Way NVIDIA SLI/ATI CrossFireXTM technology and conform to PCI Express 2.0 standard.) 3) 1 x PCI Express x4 slot 4) 1 x PCI Express x1 slot 5) 2 x PCI slots
Almacenamiento	<ol style="list-style-type: none"> 1) Intel ICH10R controller 6 xSATA 3.0 Gb/s puertos Intel Matrix Storage Technology Soporta RAID 0,1,5,10 2) Controladora Marvell® PCIe SATA 6Gb/s - 2 x SATA 6.0 Gb/s 	<p>South Bridge:</p> <ol style="list-style-type: none"> 1. 6 x SATA 3Gb/s connectors 2. Soporta SATA RAID 0,1,5,y10 <p>GIGABYTE SATA2 chip:</p> <ol style="list-style-type: none"> 1. 1 x IDE connector supporting ATA-133/100/66/33 and up to 2 IDE devices 2. 2 x JMB322 chips (Smart Backup): <ul style="list-style-type: none"> • 4 x SATA 3Gb/s connectors (GSATA2_0, GSATA2_1, GSATA2_2, GSATA2_3) supporting up to 4 SATA 3Gb/s devices (Note 4)

		<ul style="list-style-type: none"> Support for SATA RAID 0, RAID 1 and JBOD ITE IT8720 chip: 1 x floppy disk drive connector supporting up to 1 floppy disk drive
LAN	Dual Gigabit LAN, 2 controladoras Marvell 88E8056® PCIe Gigabit LAN incluye AI NET2	<ol style="list-style-type: none"> 2 x Realtek 8111D chips (10/100/1000 Mbit) Support for Teaming
Audio	<ol style="list-style-type: none"> Realtek® ALC889 8Canales High Definition Audio CODEC <ul style="list-style-type: none"> - DTS Surround Sensation UltraPC - BD audio layer Content Protection - Soporta detección automática de conexión, multistreaming y reasignación de tarea en el panel frontal -Salida S/PDIF Coaxial / Óptica en la interfaz posterior 	<ol style="list-style-type: none"> Realtek ALC889A codec High Definition Audio 2/4/5.1/7.1-channel Support for Dolby® Home Theater Support for S/PDIF In/Out Support for CD In
test	Hasta 6400 MT/s (6.4Gt/s)	4.8GT/s / 6.4GT/s
IEEE 1394	<ol style="list-style-type: none"> Controladora VIA® VT6308 2 x 1394a puertos (1 en la placa, 1 en el panel posterior) 	<ol style="list-style-type: none"> T.I. TSB43AB23 chip Up to 3 IEEE 1394a ports (1 on the back panel, 2 via the IEEE 1394a brackets connected to the internal IEEE 1394a headers)
USB	NEC® USB 3.0 - 2 x USB 3.0/2.0 ports (at back panel) Intel® ICH10R Southbridge - 8 x USB 2.0/1.1 ports (4 en la placa; 6 en el panel posterior)	<ol style="list-style-type: none"> Integrated in the South Bridge Up to 12 USB 2.0/1.1 ports (8 on the back panel, 4 via the USB brackets connected to the internal USB headers)
Características propias	<ol style="list-style-type: none"> Soporta USB 3.0 Soporta SATA 6Gb/s ASUS Xtreme Design ASUS Xtreme Phase - Alimentación por 16+2 fases Funciones de Overclocking exclusivas <ul style="list-style-type: none"> - ASUS TurboV Funciones exclusivas de ASUS <ul style="list-style-type: none"> - ASUS EPU - MemOK! - Express Gate SSD Soluciones térmicas silenciosas <ul style="list-style-type: none"> Diseño libre de ventilador – Conductos disipadores Diseño libre de ventilador - Stack Cool 3+ - ASUS Fan Xpert <ul style="list-style-type: none"> ASUS Crystal Sound - ASUS Noise Filter ASUS EZ DIY - ASUS Q-Design: Q-Slot - ASUS Q-Shield - ASUS Q-Connector - ASUS O.C. Profile 	<ol style="list-style-type: none"> Support for @BIOS Support for Q-Flash Support for Dual BIOS Support for Download Center Support for Xpress Install Support for Xpress Recovery2 Support for EasyTune (Note 6) Support for Dynamic Energy Saver Advanced Support for Time Repair Support for Q-Share

	<ul style="list-style-type: none"> - ASUS CrashFree BIOS 3 - ASUS EZ Flash 2 - ASUS MyLogo 2 - Multi-language BIOS 	
Funciones de Overclocking	<p>Herramientas de overcloking inteligente</p> <ul style="list-style-type: none"> - ASUS TurboV <p>Precision Tweaker 2</p> <ul style="list-style-type: none"> - vCore: Voltaje de la CPU ajustable con un incremento de 0.0125V 0.00625V - vChipset Chipset de 31 niveles de control de voltaje - vCPU PLL: 36-step reference voltage control - vDRAM Bus: Control de voltaje DRAM de 49-pasos - vNB-PCIe: 65-step chipset-PCIe voltage control <p>SFS (Stepless Frequency Selection)</p> <ul style="list-style-type: none"> - PCI Ajuste de Frecuencia Express de 100MHz hasta 180MHz a incrementos desde 1MHz <p>Protección de Overclocking</p> <ul style="list-style-type: none"> - ASUS C.P.R. (Recuperación de parámetros CPU) 	No lo sé
Puertos del Panel Trasero	<ul style="list-style-type: none"> 1 x IEEE 1394a 2 x puerto LAN(RJ45) 8 x Salidas/Entradas para canales de audio 1 x PS/2 Teclado (violeta) 1 x PS/2 Ratón (verde) 1 x Botón Clear CMOS 1 x Salida S/PDIF Coaxial 1 x Salida S/PDIF Óptica 2 x USB 3.0/2.0 ports 4 x USB 2.0/1.1 ports 	<ol style="list-style-type: none"> 1. 1 x PS/2 keyboard port 2. 1 x PS/2 mouse port 3. 1 x coaxial S/PDIF Out connector 4. 1 x optical S/PDIF Out connector 5. 1 x IEEE 1394a port 6. 1 x clearing CMOS switch 7. 8 x USB 2.0/1.1 ports 8. 2 x RJ-45 ports 9. 6 x audio jacks (Center/Subwoofer Speaker Out/Rear Speaker Out/Side Speaker Out/Line In/Line Out/Microphone)
Conectores E/S Internos	<ul style="list-style-type: none"> 2 x conectores USB support additional 4 USB 2.0/1.1 ports 1 x conector IEEE 1394a 1 x conector para ventilador de la CPU 1 conector para alimentación de ventilador Panel de Sistema (Q-Connector) 6 x SATA 3.0Gb/s (azul) 2 x SATA 6.0Gb/s (gris) 3 x Ventilador Chasis (1x4-contactos, 1x3-contactos) Audio panel frontal 1 x S/PDIF Out Header CD audio in Alimentación ATX 24-contactos Alimentación ATX 8- contactos 1 x Botón MemOK! 1 x Botón encendido 1 x Botón reinicio 	<ol style="list-style-type: none"> 1. 1 x 24-pin ATX main power connector 2. 1 x 8-pin ATX 12V power connector 3. 1 x floppy disk drive connector 4. 1 x IDE connector 5. 10 x SATA 3Gb/s connectors 6. 1 x CPU fan header 7. 3 x system fan headers 8. 1 x power fan header 9. 1 x North Bridge fan header 10. 1 x front panel header 11. 1 x front panel audio header 12. 1 x CD In connector 13. 1 x S/PDIF In header 14. 1 x S/PDIF Out header 15. 2 x USB 2.0/1.1 headers 16. 2 x IEEE 1394a headers 17. 1 x power LED header 18. 1 x chassis intrusion header 19. 1 x power switch 20. 1 x reset switch

BIOS	16 Mb Flash ROM , AMI BIOS, PnP, DMI 2.0, WfM 2.0, SM BIOS 2.3, ACPI 2.0a, Multi-language BIOS, ASUS EZ Flash 2, ASUS CrashFree BIOS 3	<ol style="list-style-type: none"> 1. 2 x 8 Mbit flash 2. Use of licensed AWARD BIOS 3. Support for DualBIOS™ 4. PnP 1.0a, DMI 2.0, SM BIOS 2.4, ACPI 1.0b
Formato de Fabricación	ATX Formato de fabricación 12 inch x 9.6 inch (30.5 cm x 24.4 cm)	ATX Form Factor; 30.5cm x 24.4cm