

| Características                                       | ASUS P6T   | Gigabyte GA-X58A-UD3R   |
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| <b>CPU</b>  | Intel® Socket 1366 Core™ i7 Processor Extreme Edition/Core™ i7 Processor/ Supports Intel® Dynamic Speed Technology   | <ol style="list-style-type: none"> <li>1. Support for an Intel® Core™ i7 series processor in the LGA1366 package (Go to GIGABYTE's website for the latest CPU support list.)</li> <li>2. L3 cache varies with CPU</li> </ol>  |
| <b>Chipset</b>  | Intel® X58 / ICH10R  | <ol style="list-style-type: none"> <li>1. North Bridge: Intel® X58 Express Chipset</li> <li>2. South Bridge: Intel® ICH10R</li> </ol>   |
| <b>Bus</b>  | Up to 6400 MT/s  | 4.8GT/s, 6.4GT/s  |
| <b>Memoria</b>  | <p>6 x DIMM, Max. 24 GB, DDR3 2000(O.C.)*/1866(O.C.)*/1800(O.C.)*/1600(O.C.)/1333/1066 Memory</p> <p>Triple channel memory architecture</p> <p>Supports Intel® Extreme Memory Profile (XMP)</p> <p>*Hyper DIMM support is subject to the physical characteristics of individual CPUs.</p>  | <ol style="list-style-type: none"> <li>1. 6 x 1.5V DDR3 DIMM Max. 24 GB</li> <li>2. Dual/3 channel memory architecture</li> <li>3. Support for DDR3 2200/1333/1066/800 MHz memory modules</li> <li>4. Support for non-ECC memory modules</li> <li>5. Support for Extreme Memory Profile (XMP) memory modules</li> </ol>   |
| <b>Slots Expansión</b>                                | <p>3 x PCIe 2.0 x16 (at x16/x16/x4 mode)</p> <p>1 x PCIe x1</p> <p>2 x PCI</p>   | <ol style="list-style-type: none"> <li>1. 2 x PCI Express x16 slots, running at x16 (PCIEX16_1/PCIEX16_2) (Note 2)</li> <li>2. 2 x PCI Express x16 slot, running at x8 (PCIEX8_1/PCIEX8_2) (Note 3) (The PCIEX16_1, PCIEX16_2, PCIEX8_1 and PCIEX8_2 slots conform to PCI Express 2.0 standard.)</li> <li>3. 2 x PCI Express x1 slots</li> <li>4. 1 x PCI slot</li> </ol>   |
| <b>Multi GPU Support</b>                              | Supports NVIDIA® 3   | Support for 2-Way/3-Way ATI CrossFireX™/NVIDIA SLI technology   |
| <b>Almacenamiento /Discos Duros y características</b> | <p><b>Southbridge</b></p> <p>6 xSATA 3 Gb/s ports</p> <p>Intel Matrix Storage Technology Support RAID 0,1,5,10</p> <p><b>JMicron® JMB363 PATA and SATA controller</b></p> <p>1 xUltraDMA 133/100/66 for up to 2 PATA devices</p> <p>1 xExternal SATA 3Gb/s port (SATA On-the-Go)</p> <p><b>JMicron® JMB322 (Drive Xpert technology)</b></p> <p>- 2 x SATA 3Gb/s</p> <p>- Supports EZ Backup and Super Speed functions</p> <p>*Due to the Windows XP/ Vista limitation, the RAID array with the total capacity over 2TB cannot be set as a boot disk. A RAID array over 2TB can only be set as a data disk only. For more information, please refer <a href="http://support.microsoft.com/kb/946557/en-us">http://support.microsoft.com/kb/946557/en-us</a></p> | <p>South Bridge:</p> <ol style="list-style-type: none"> <li>1. 6 x SATA 3Gb/s connectors (SATA2_0, SATA2_1, SATA2_2, SATA2_3, SATA2_4, SATA2_5) supporting up to 6 SATA 3Gb/s devices</li> <li>2. Support for SATA RAID 0, RAID 1, RAID 5, and RAID 10</li> </ol> <p>Marvell 9128 chip:</p> <ol style="list-style-type: none"> <li>1. 2 x SATA 6Gb/s connectors (GSATA3_6, GSATA3_7) supporting up to 2 SATA 6Gb/s devices</li> <li>2. Support for SATA RAID 0, and RAID 1</li> </ol> <p>GIGABYTE SATA2 chip:</p> <ol style="list-style-type: none"> <li>1. 1 x IDE connector supporting ATA-133/100/66/33 and up to 2 IDE devices</li> <li>2. 2 x SATA 3Gb/s connectors (GSATA2_8, GSATA2_9) supporting up to 2 SATA 3Gb/s devices</li> <li>3. Support for SATA RAID 0, RAID 1, and JBOD</li> </ol> <p>JMicron JMB362 chip:</p> <ol style="list-style-type: none"> <li>1. 2 x eSATA 3Gb/s connectors (eSATA/USB Combo) on the back panel sup- porting up to 2 SATA 3Gb/s devices</li> <li>2. Support for SATA RAID 0, RAID 1, and JBOD</li> </ol> <p>iTE IT8720 chip:</p> <ol style="list-style-type: none"> <li>1. 1 x floppy disk drive connector</li> </ol> |

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|                            |   | supporting up to 1 floppy disk drive  |
| LAN                        | Realtek® 8111C PCIe Gigabit LAN controller featuring AI NET2  | 1. 1 x Realtek RTL8111D chip (10/100/1000 Mbit)   |
| Audio                      | Realtek® ALC1200 8 -Channel High Definition Audio CODEC<br>Coaxial / Optical S/PDIF out ports at back I/O<br>ASUS Noise Filter<br>Support Jack-Sensing, Enumeration, Multi-streaming and Jack-Retasking<br>DTS Surround Sensation UltraPC   | 1. Realtek ALC889 codec<br>2. High Definition Audio<br>3. 2/4/5.1/7.1-channel<br>4. Support for Dolby® Home Theater<br>5. Support for S/PDIF In/Out<br>6. Support for CD In   |
| IEEE 1394                  | VIA® VT6315N controller supports 2 x 1394a ports (one at mid-board; one at back panel)  | 1. T.I. TSB43AB23 chip<br>2. Up to 3 IEEE 1394a ports (2 on the back panel, 1 via the IEEE 1394a bracket connected to the internal IEEE 1394a header)   |
| USB                        | 12 USB 2.0 ports (6 ports at mid-board, 6 ports at back panel)  | Integrated in the South Bridge<br><br>1. Up to 10 USB 2.0/1.1 ports (6 on the back panel, including 2 eSATA/USB Combo, 4 via the USB brackets connected to the internal USB headers)<br><br>NEC chip:<br><br>1. Up to 2 USB 3.0/2.0 ports on the back panel   |
| Características Únicas     | ASUS Exclusive Features:<br>- ASUS TurboV<br>- ASUS 8+2 Phase Power Design<br>- Express Gate<br>ASUS Power Saving Solution<br>- ASUS EPU-6 Engine<br>- ASUS AI Nap<br>ASUS Quiet Thermal Solution:<br>- ASUS Fanless Design: Heat-pipe solution<br>- ASUS Fanless Design: Stack Cool 2<br>- ASUS Fan Xpert<br>ASUS Crystal Sound:<br>- ASUS Noise Filter<br>ASUS EZ DIY:<br>- ASUS Q-Shield<br>- ASUS Q-Connector<br>- ASUS O.C. Profile<br>- ASUS CrashFree BIOS 3<br>- ASUS EZ Flash 2  | 1. Support for @BIOS<br>2. Support for Q-Flash<br>3. Support for Xpress BIOS Rescue<br>4. Support for Download Center<br>5. Support for Xpress Install<br>6. Support for Xpress Recovery2<br>7. Support for EasyTune (Note 5)<br>8. Support for Dynamic Energy Saver™ 2<br>9. Support for Smart 6™<br>10. Support for Auto Green<br>11. Support for eXtreme Hard Drive<br>12. Support for Q-Share |
| Overclocking               | ASUS TurboV utility<br>Precision Tweaker2:<br>- vCore: Adjustable CPU voltage at 0.00625V increment<br>- vCPU PLL: 36-step reference voltage control<br>- vDRAM Bus: 49-step DRAM voltage control<br>- vChipset(N.B.): 31-step chipset voltage control<br>- vNB-PCIe: 65-step chipset-PCIe voltage control<br>SFS (Stepless Frequency Selection)<br>- Internal Base Clock tuning from 100MHz up to 500MHz at 1MHz increment<br>- PCI Express frequency tuning from 100MHz up to 180MHz at 1MHz increment<br>Overclocking Protection:<br>- ASUS C.P.R.(CPU Parameter Recall) | 1. System voltage detection<br>2. CPU/North Bridge temperature detection<br>3. CPU/System/Power fan speed detection<br>4. CPU overheating warning<br>5. CPU fan fail warning<br>6. CPU/System fan speed control (Note 4)  |
| Características especiales | Multi-language BIOS<br>ASUS MyLogo 2  |   |
| Conectores traseros        | I/O Ports 1 x External SATA<br>2 x S/PDIF Out ( 1xCoaxial & 1xOptical )<br>1 x IEEE 1394a<br>1 x LAN(RJ45) port<br>6 x USB 2.0/1.1<br>8 -Channel Audio I/O<br>1 x PS/2 Keyboard (Purple)<br>1 x PS/2 mouse port (Green)   | 1. 1 x PS/2 keyboard port<br>2. 1 x PS/2 mouse port<br>3. 1 x coaxial S/PDIF Out connector<br>4. 1 x optical S/PDIF Out connector<br>5. 1 x clearing CMOS button<br>6. 2 x IEEE 1394a ports<br>7. 4 x USB 2.0/1.1 ports<br>8. 2 x USB 3.0 ports<br>9. 2 x eSATA/USB Combo connectors  |

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|                                   |  | <ul style="list-style-type: none"> <li>10. 1 x RJ-45 port</li> <li>11. 6 x audio jacks (Center/Subwoofer Speaker Out/Rear Speaker Out/ Side Speaker Out/Line In/Line Out/Microphone)</li> </ul>  |
| <b>Conectores Internos</b>        | <ul style="list-style-type: none"> <li>3 x USB connectors support additional 6 USB ports</li> <li>1 x Floppy disk drive connector</li> <li>1 x IDE connector</li> <li>6 x SATA connectors</li> <li>1 x IEEE 1394a connector</li> <li>1 x CPU Fan connector</li> <li>2 x Chassis Fan connector</li> <li>1 x Power Fan connector</li> <li>2 x Drive Xpert SATA connectors (orange and white)</li> <li>1 x S/PDIF Out connector</li> <li>1 x 8-pin ATX 12V Power connector</li> <li>24-pin ATX Power connector</li> <li>CD audio in</li> <li>Front panel audio connector</li> <li>Chassis Intrusion connector</li> <li>System Panel (Q-Connector)</li> <li>1 x Power on switch</li> <li>1 x Reset switch</li> </ul> | <ul style="list-style-type: none"> <li>1. 1 x 24-pin ATX main power connector</li> <li>Connectors</li> <li>2. 1 x 8-pin ATX 12V power connector</li> <li>3. 1 x floppy disk drive connector</li> <li>4. 1 x IDE connector</li> <li>5. 8 x SATA 3Gb/s connectors</li> <li>6. 2 x SATA 6Gb/s connectors</li> <li>7. 1 x CPU fan header</li> <li>8. 3 x system fan headers</li> <li>9. 1 x power fan header</li> <li>10. 1 x North Bridge fan header</li> <li>11. 1 x front panel header</li> <li>12. 1 x front panel audio header</li> <li>13. 1 x CD In connector</li> <li>14. 1 x S/PDIF In header</li> <li>15. 1 x S/PDIF Out header</li> <li>16. 2 x USB 2.0/1.1 headers</li> <li>17. 1 x IEEE 1394a header</li> </ul> |
| <b>BIOS</b>                       | <ul style="list-style-type: none"> <li>16 Mb Flash ROM</li> <li>AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.3, ACPI 2.0a, Multi-language BIOS, ASUS EZ Flash 2, ASUS CrashFree BIOS 3</li> </ul>  | <ul style="list-style-type: none"> <li>1. 2 x 16 Mbit flash</li> <li>2. Use of licensed AWARD BIOS</li> <li>3. Support for DualBIOS™</li> <li>4. PnP 1.0a, DMI 2.0, SM BIOS 2.4, ACPI 1.0b</li> </ul>  |
| <b>Complementos y accesorios.</b> | <ul style="list-style-type: none"> <li>User's manual</li> <li>1 x UltraDMA 133/100/66 cable</li> <li>4 x SATA cable</li> <li>2 in 1 Q-connector</li> <li>ASUS Q-Shield</li> <li>1 x ASUS 3-Way SLI bridge connector</li> <li>1 x ASUS SLI bridge connector</li> </ul>  | <ul style="list-style-type: none"> <li>Norton Internet Security (OEM version)</li> </ul>   |