

## P6T Deluxe Specifications

CPU	Intel® Socket 1366 Core™ i7 Processor Extreme Edition/Core™ i7 Processor Supports Intel® Dynamic Speed Technology
Chipset	Intel® X58 / ICH10R
System Bus	Up to 6400 MT/s ; Intel® QuickPath Interconnection
Memory	6 x DIMM, Max. 12 GB, DDR3 1600(O.C.)/1333/1066 Non-ECC, Un-buffered Memory Triple channel memory architecture Supports Intel® Extreme Memory Profile (XMP) *Refer to <a href="http://www.asus.com">www.asus.com</a> or this user manual for the Memory QVL(Qualified Vendors Lidts).
Expansion Slots	3 x PCIe 2.0 x16 (at x16/x16/x1 or x16/x8/x8 mode) 1 x PCIe x4 2 x PCI
Multi-GPU Support	Supports NVIDIA® 2-Way or Quad-GPU SLI™ Technology Supports ATI® CrossFireX™ Technology
Storage	<b>Southbridge</b> 6 xSATA 3 Gb/s ports Intel Matrix Storage Technology Support RAID 0,1,5,10 <b>Marvell 88SE6320</b> 2 x SAS (RAID 0 and 1) <b>Marvell 88SE6111</b> 1 xUltraDMA 133/100/66 for up to 2 PATA devices 1 xExternal SATA 3.0 Gb/s port (SATA On-the-Go)
LAN	Dual Gigabit LAN controllers 2*Marvell88E8056® PCIe Gigabit LAN controller featuring AI NET2
Audio	ADI® AD2000B 8 -Channel High Definition Audio CODEC - Support Jack-Detection, Multi-Streaming, and Front Panel Jack-Retasking - Coaxial / Optical S/PDIF out ports at back I/O
IEEE 1394	VIA® VT6308 controller supports 2 x 1394a ports (one at mid-board; one at back panel)
USB	14 USB 2.0 ports (6 ports at mid-board, 8 ports at back panel)
ASUS Unique Features	<b>ASUS Exclusive Features:</b> - ASUS TurboV

	<ul style="list-style-type: none"> <li>- ASUS OC Palm</li> <li>- ASUS True 16+2 Phase Power Design</li> <li>- Express Gate SSD</li> <li><b>ASUS Power Saving Solution</b></li> <li>- ASUS EPU-6 Engine</li> <li>- ASUS AI Nap</li> <li><b>ASUS Quiet Thermal Solution:</b></li> <li>- ASUS Fanless Design: Wind-Flow Heat-pipe solution</li> <li>- ASUS Fanless Design: Stack Cool 2</li> <li>- ASUS Fan Xpert</li> <li>- ASUS Optional Fan for Water-cooling or Passive-Cooling only</li> <li><b>ASUS Crystal Sound:</b></li> <li>- ASUS Noise Filter</li> <li><b>ASUS EZ DIY:</b></li> <li>- ASUS Q-Shield</li> <li>- ASUS Q-Connector</li> <li>- ASUS O.C. Profile</li> <li>- ASUS CrashFree BIOS 3</li> <li>- ASUS EZ Flash 2</li> </ul>
Overclocking Features	<ul style="list-style-type: none"> <li><b>ASUS TurboV utility</b></li> <li><b>Precision Tweaker2:</b></li> <li>- vCore: Adjustable CPU voltage at 0.00625V increment</li> <li>- vCPU PLL: 36-step reference voltage control</li> <li>- vDRAM Bus: 49-step DRAM voltage control</li> <li>- vChipset(N.B.): 31-step chipset voltage control</li> <li>- vNB-PCIe: 65-step chipset-PCIe voltage control</li> <li><b>SFS (Stepless Frequency Selection)</b></li> <li>- Internal Base Clock tuning from 100MHz up to 500MHz at 1MHz increment - PCI Express frequency tuning from 100MHz up to 180MHz at 1MHz increment</li> <li><b>Overclocking Protection:</b></li> <li>- ASUS C.P.R.(CPU Parameter Recall)</li> </ul>
Special Features	<ul style="list-style-type: none"> <li>Multi-language BIOS</li> <li>ASUS MyLogo 2</li> </ul>
Back Panel I/O Ports	<ul style="list-style-type: none"> <li>1 x PS/2 Keyboard/ Mouse combo port</li> <li>1 x S/PDIF Out (Coaxial + Optical)</li> <li>1 x External SATA</li> <li>1 x IEEE1394a</li> <li>2 x RJ45 port</li> <li>8 x USB 2.0/1.1</li> <li>8-channel Audio I/O</li> </ul>
Internal I/O Connectors	<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>2 x SAS connectors</li> <li>1 x CPU Fan connector</li> <li>3 x Chassis Fan connector</li> <li>1 x Power Fan connector</li> <li>1 x IEEE1394a connector</li> </ul>

	<p>Front panel audio connector  1 x S/PDIF Out Header  Chassis Intrusion connector  CD audio in  24-pin ATX Power connector  1 x 8-pin ATX 12V Power connector  System Panel(Q-Connector)</p>
BIOS	<p>16 Mb Flash ROM  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</p>
Manageability	<p>WfM 2.0, DMI 2.0, WOL by PME, WOR by PME, PXE</p>
Accessories	<p>OC Palm (Only available for P6T Deluxe/OC Palm version)  UltraDMA 133/100/66 cable  6 x Serial ATA cables  2 x SAS cables  ASUS Q-Shield  User's manual  2 in 1 Q-connector  1 x 2-port USB2.0 / 1-port IEEE1394 (4-pin) module  1 x SLI bridge cable  2 x Screw pillar  1 x Optional Fan for Water-Cooling or Passive-Cooling only</p>
Form Factor	<p>ATX Form Factor  12 inch x 9.6 inch ( 30.5 cm x 24.4 cm )</p>