



## P6T SE

New Era for Ultimate Performance! Intel® Core™ i7 Platform



- Intel LGA1366 Platform
- Intel® X58/ ICH10R chipset
- ASUS TurboV
- ASUS EPU
- ASUS 8+2 Phase Power Design

Print

## 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. 24 GB, DDR3 2000(O.C.)*/1866(O.C.)*/1800(O.C.)*/1600 (O.C.)/1333/1066 Non-ECC,Un-buffered Memory Triple channel memory architecture Supports Intel® Extreme Memory Profile (XMP) *Hyper DIMM support is subject to the physical characteristics of individual CPUs. *Refer to www.asus.com or this user manual for the Memory QVL(Qualified Vendors Lids).
Expansion Slots	3 x PCIe 2.0 x16 (at x16/x16/x4 mode) 1 x PCIe x1 2 x PCI
Multi-GPU Support	Supports ATI® Quad-GPU CrossFireX™ Technology
Storage	<b>Southbridge</b> 6 xSATA 3 Gb/s ports Intel Matrix Storage Technology supports Support RAID 0,1,5,10 <b>JMicron® JMB363 PATA and SATA controller</b> 1 xUltraDMA 133/100/66 for up to 2 PATA devices 1 xExternal SATA 3Gb/s port (SATA On-the-Go)
LAN	Realtek® 8111C PCIe Gigabit LAN controller featuring AI NET2
Audio	Realtek® ALC1200 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 ASUS Noise-Filtering
IEEE 1394	VIA® VT6315N controller supports 2 x 1394a ports (one at mid-board; one at back panel)
USB	12 USB 2.0 ports (6 ports at mid-board, 6 ports at back panel)

ASUS Unique Features	<p><b>ASUS Exclusive Features:</b></p> <ul style="list-style-type: none"> <li>- ASUS TurboV</li> <li>- ASUS 8+2 Phase Power Design</li> <li>- Express Gate</li> </ul> <p><b>ASUS Power Saving Solution</b></p> <ul style="list-style-type: none"> <li>- ASUS EPU-6 Engine</li> </ul> <p><b>ASUS Quiet Thermal Solution:</b></p> <ul style="list-style-type: none"> <li>- ASUS Fanless Design: Heat-pipe solution</li> <li>- ASUS Fanless Design: Stack Cool 2</li> <li>- ASUS Fan Xpert</li> </ul> <p><b>ASUS Crystal Sound:</b></p> <ul style="list-style-type: none"> <li>- ASUS Noise Filter</li> </ul> <p><b>ASUS EZ DIY:</b></p> <ul style="list-style-type: none"> <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	<p><b>Precision Tweaker 2</b></p> <ul style="list-style-type: none"> <li>- vCore: Adjustable CPU voltage at 0.00625V increment</li> <li>- vChipset (N.B.): 31-step chipset voltage control</li> </ul> <p><b>SFS (Stepless Frequency Selection)</b></p> <ul style="list-style-type: none"> <li>- PCI Express frequency tuning from 100MHz up to 180MHz at 1MHz increment</li> <li>- Internal Base Clock tuning from 100MHz up to 500MHz at 1MHz increment</li> </ul> <p><b>Overclocking Protection</b></p> <ul style="list-style-type: none"> <li>- ASUS C.P.R.(CPU Parameter Recall)</li> </ul>
Special Features	Multi-language BIOS ASUS MyLogo 2
Back Panel I/O Ports	<ul style="list-style-type: none"> <li>1 x External SATA</li> <li>1 x IEEE 1394a</li> <li>1 x LAN(RJ45) port</li> <li>6 x USB 2.0/1.1</li> <li>8 -Channel Audio I/O</li> <li>1 x PS/2 Keyboard (Purple)</li> <li>1 x PS/2 mouse port (Green)</li> <li>1 x Coaxial S/PDIF Output</li> <li>1 x Optical S/PDIF Output</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 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>1 x S/PDIF Out connector</li> <li>Front panel audio connector</li> <li>Chassis Intrusion connector</li> <li>CD audio in</li> <li>24-pin ATX Power connector</li> <li>1 x 8-pin ATX 12V Power connector</li> <li>System Panel(Q-Connector)</li> <li>1 x Power on switch</li> </ul>
BIOS	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
Manageability	WfM 2.0, DMI 2.0, WOL by PME, WOR by PME, PXE
Accessories	<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> </ul>

	ASUS Q-Shield
Support Disc	Drivers ASUS PC Probe II ASUS AI Suite Anti-virus software (OEM version) ASUS Update Image-Editing Suite
Form Factor	ATX Form Factor 12 inch x 9.6 inch ( 30.5 cm x 24.4 cm )

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
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