

P7P55 LX Specification

Note: The specifications are subject to change without notice.

CPU	LGA1156 socket for Intel® Core™ i7/Core™ i5 Processors Supports Intel® Turbo Boost Technology
Chipset	Intel® P55 Express Chipset
Memory	4 x DIMM, max. 16GB, DDR3 2200(OC)*/1600/1333/1066 MHz, non-ECC, un-buffered memory Dual channel memory architecture Supports Intel® Extreme Memory Profile (XMP) *Hyper DIMM support is subject to the physical characteristics of individual CPUs. Some hyper DIMMs only support one DIMM per channel. Please refer to Memory QVL for details. *Refer to www.asus.com or this user manual for the Memory QVL (Qualified Vendors Lists).
Expansion Slots	1 x PCI Express 2.0 x16 slot (single at x16) 1 x PCI Express 2.0 x16 slot (at x4 mode, 2.5GT/s) 2 x PCI Express 2.0 x1 slots (2.5GT/s) 3 x PCI
Multi-GPU Support	Supports ATI® Quad-GPU CrossFireX™ Technology
Storage	Intel® P55 Express Chipset - 6 x SATA 3.0 Gb/s ports - Intel Matrix Storage Technology supporting RAID 0, 1, 5 and 10 VIA VT6415 PATA controller - 1 x UltraDMA 133/100/66 for up to 2 PATA devices
LAN	Realtek® 8112L Gigabit LAN controller featuring AI NET 2
Audio	VIA® VT1708S 8-channel High Definition Audio CODEC - Optical S/PDIF out port at back I/O - Supports Jack-Detection, Multi-streaming - ASUS Noise Filter
USB	14 x USB 2.0 ports (6 ports at mid-board, 8 ports at back panel)
ASUS Unique Features	ASUS Exclusive Overclocking Features - ASUS TurboV, ASUS Turbo Key ASUS Exclusive Features - Express Gate - MemOK! - ASUS EPU ASUS Quiet Thermal Solution - ASUS Fanless Design: Stylish Heatsink Solution - ASUS Fan Xpert ASUS EZ DIY - ASUS Q-DIMM - ASUS O.C. Profile - ASUS CrashFree BIOS 3 - ASUS EZ Flash 2 - ASUS MyLogo 2 - Multi-language BIOS
ASUS Exclusive Overclocking Features	Precision Tweaker - vCore: Adjustable CPU voltage at 0.00625V increment - vIMC: Adjustable IMC voltage at 0.05V increment - vDRAM Bus: 11-step DRAM voltage control - vPCH: 2-step chipset voltage control - vCPU PLL: 4-step reference voltage control SFS (Stepless Frequency Selection) - Internal Base Clock tuning from 80MHz up to 500MHz at 1MHz increment - PCI Express frequency tuning from 100MHz up to 150MHz at 1MHz increment Overclocking Protection: - ASUS C.P.R.(CPU Parameter Recall)
Back Panel I/O Ports	1 x PS/2 Keyboard (Purple) 1 x PS/2 mouse (Green) 1 x Optical S/PDIF Output 1 x RJ45 port 8 x USB 2.0/1.1 8-channel Audio I/O
Internal I/O Connectors	3 x USB connectors support additional 6 USB ports 1 x IDE connector 6 x SATA connectors 1 x CPU Fan connector 1 x Chassis Fan connectors (1x4-pin, 1x3-pin) 1 x Power Fan connector 1 x Front panel audio connector 1 x S/PDIF Out header 1 x CD audio in 1 x 24-pin ATX Power connector 1 x 4-pin ATX 12V Power connector 1 x System Panel 1 x MemOK! Button 1 x COM connector
BIOS	16 Mb Flash ROM, AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, 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	1 x UltraDMA 133/100 cable 2 x Serial ATA 3.0Gb/s cables 1 x I/O shield User's manual
Support DVD	Drivers ASUS Utilities ASUS Update Anti-virus software (OEM version)
Form Factor	ATX Form Factor, 12"x 8.6" (30.5cm x 21.8cm)