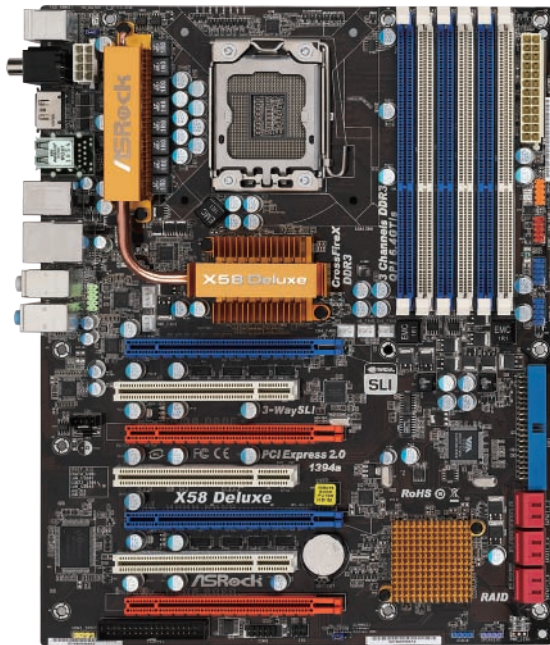


X58 Deluxe

Intel® X58 + ICH10R Chipsets

ASRock®
www.asrock.com



Product Brief <<<

- System Bus up to 6400 MT/s; Intel® QuickPath Interconnect
- Triple Channel DDR3 2000 (OC) with 6 DIMM slots
- 4 x PCI Express 2.0 x 16 slots
(Double-wide slot spacing between each PCI-E slot)
- 1 x Power eSATAII/USB connector
- NVIDIA® Quad SLI™, 3-Way SLI™ and SLI™
- ATI™ CrossFireX™, up to Quad CrossFireX™
- 7.1 CH, ALC890 Audio Codec
- ASRock Instant Boot

Free Bundle

3-Way SLI Bridge Card



SLI_Bridge_3S Card



XFire_Bridge_3S Cards



The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.

Detail Specification <<<

Platform	- ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm - All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors)
CPU	- Intel® Socket 1366 Core™ i7 Processor Extreme Edition / Core™ i7 Processor Supports Intel® Dynamic Speed Technology - System Bus up to 6400 MT/s; Intel® QuickPath Interconnect - Supports Hyper-Threading Technology - Supports Unlimited Overclocking Technology - Supports EM64T CPU
Chipset	- Northbridge: Intel® X58 - Southbridge: Intel® ICH10R
Memory	- Triple Channel DDR3 memory technology - 6 x DDR3 DIMM slots - Supports DDR3 2000(OC)/1866(OC)/1600(OC)/1333(OC)/1066 non-ECC, un-buffered memory - Supports DDR3 ECC, buffered memory with Intel® Workstation 1S Xeon® processors 3500 series - Max. capacity of system memory: 24GB - Supports Intel® Extreme Memory Profile (XMP)
Expansion Slot	- 4 x PCI Express 2.0 x16 slots (blue @ x8 / x16 mode, orange @ x8 / N/A mode) (Double-wide slot spacing between each PCI-E slot) - 3 x PCI slots - Supports ATI™ CrossFireX™, Quad CrossFireX™ - Supports NVIDIA® Quad SLI™, 3-Way SLI™ and SLI™
Audio	- 7.1 CH Windows® Vista™ Premium Level HD Audio with Content Protection - DAC with 110dB dynamic range (ALC890 Audio Codec)
LAN	- PCIe x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111DL - Supports Wake-On-LAN
Rear Panel I/O	I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x Coaxial SPDIF Out Port - 1 x Optical SPDIF Out Port - 6 x Ready-to-Use USB 2.0 Ports - 1 x Powered eSATAII/USB Connector - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - 1 x IEEE 1394 Port - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
Connector	- 6 x SATAII 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10, RAID 5 and Intel® Matrix Storage), NCQ, AHCI and Hot Plug functions * 2 SATAII 3.0 Gb/s connectors can be used as eSATAII connectors - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x IR header - 1 x COM port header - 1 x HDMI_SPDIF header - 1 x IEEE 1394 header - CPU/Chassis/NB/Power FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - CD in header - Front panel audio connector - 3 x USB 2.0 headers (support 5 USB 2.0 ports)
BIOS Feature	- 8Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support - CPU, DRAM, NB, SB, VTT Voltage Multi-adjustment - Supports I. O. T. (Intelligent Overclocking Technology) - Supports Smart BIOS
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version)
Unique Feature	- ASRock OC Tuner - Intelligent Energy Saver - Instant Boot - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU/Chassis/NB/Power Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
OS	- Microsoft® Windows® XP / XP 64-bit / Vista™ / Vista™ 64-bit compliant
Certifications	- FCC, CE, WHQL
Accessories	- 2 x ASRock XFire_Bridge_3S Cards - 1 x ASRock SLI_Bridge_3S Card - 1 x ASRock 3-Way SLI Bridge Card - Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 133 Cables - 4 x SATA Data Cables (Optional) - 2 x SATA 1 to 1 Power Cables (Optional)

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X58 Deluxe
X58

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4 double-wide spacing PCIe x 16 Gen2 slots
Perfect for double side VGA cards

Triple Channel DDR3 2000(OC) Memory

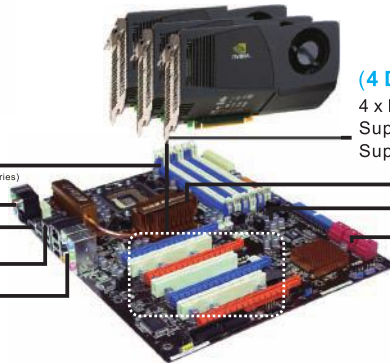
(Supports ECC, buffered memory with Intel® Workstation 1S Xeon® processors 3500 series)

Coaxial / Optical SPDIF Out Port

Power eSATA/USB connector

IEEE1394 Port

7.1 CH, ALC890



(4 Double-Wide spacing PCIe x16 Gen2 slots)

4 x PCI Express 2.0 x16 slots

Supports NVIDIA® Quad SLI™, 3-Way SLI™ and SLI™

Supports ATI™ CrossFireX™, up to Quad CrossFireX™

Heatpipe

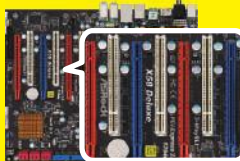
ASRock DuraCap

6 x SATAII 3.0 Gb/s connectors



The Excellent Design & Placement of PCI-E slots

4 PCI-E double-wide spacing slots



NVIDIA® SLI™ Family

3-way SLI™

SLI™



ATI™ CrossFireX™ Family

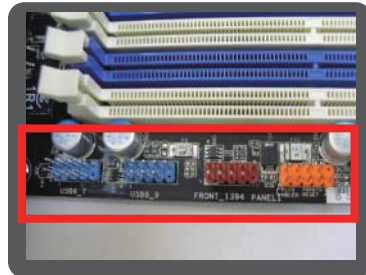
Excellent heat dissipating design

Quad CrossFire™

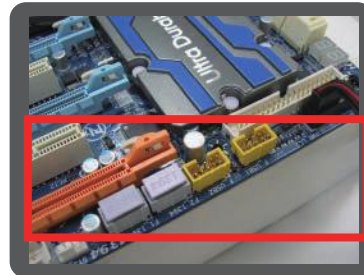


The excellent placement for Components

ASRock MB
Better placement



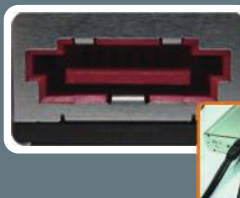
GA X58 MB
Bad placement



Exclusive Design

Traditional design

eSATAII



eSATA port for eSATA HD

- Needs additional power source
- Only 1 interface



New design

Power eSATA/USB connector



Powered eSATA connection For eSATA/USB portable hard disk

- No need additional power source
- Dual eSATA/USB interfaces



Better!