

# P45XE

Intel® P45+ ICH10 Chipsets

**ASRock®**  
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## Product Brief <<<

- ASRock DuraCap (2.5 x longer life time), 100% Japan-made high-quality Conductive Polymer Capacitors
- Compatible with FSB 2000 MHz CPU
- Supports Dual Channel DDR2 1200
- Supports Smart BIOS, ASRock OC Tuner, Intelligent Energy Saver, Extra ESD Protection

## Detail Specification <<<

<b>Platform</b>	- ATX Form Factor: 12.0-in x 8.8-in, 30.5 cm x 22.4 cm - All Solid Capacitor design (100% Japan-made high-quality Conductive Polymer Capacitors)
<b>CPU</b>	- LGA 775 for Intel® Core™ 2 Extreme / Core™ 2 Quad / Core™ 2 Duo / Pentium® Dual Core / Celeron® Dual Core / Celeron®, supporting Penryn Quad Core Yorkfield and Dual Core Wolfdale processors - Compatible with FSB2000/1600/1333/1066/800 MHz - Supports Hyper-Threading Technology - Supports Untied Overclocking Technology - Supports EM64T CPU
<b>Chipset</b>	- Northbridge: Intel® P45 - Southbridge: Intel® ICH10
<b>Memory</b>	- Dual Channel DDR2 memory technology - 4 x DDR2 DIMM slots - Supports DDR2 1200/1066/800/667 non-ECC, unbuffered memory - Max. capacity of system memory: 8GB
<b>Expansion Slot</b>	- Supports ATI™ CrossFire™ - 2 x PCI Express 2.0 x16 slots (green @ x16 mode, blue @ x8 mode) - 3 x PCI Express x1 slots - 2 x PCI slots
<b>Audio</b>	- 7.1 CH Windows® Vista™ Premium Level HD Audio (ALC888 Audio Codec)
<b>LAN</b>	- PCIe x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111B/RTL8111C - Supports Wake-On-LAN
<b>Rear Panel I/O</b>	ASRock SPDIF I/O Plus - 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 - 2 x eSATAII Ports - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
<b>Connector</b>	- 6 x SATAII 3.0 Gb/s connectors, support NCQ, AHCI and Hot Plug functions - 2 x eSATAII 3.0 Gb/s connectors (shared with 2 SATAII ports) - 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 - CPU/Chassis FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - CD in header - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports) - 1 x USB/WiFi header
<b>BIOS Feature</b>	- 8Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports Jumperfree Overclocking - SMBIOS 2.3.1 Support - CPU, DRAM, NB, SB,VTT Voltage Multi-adjustment - Supports I. O. T. (Intelligent Overclocking Technology) - Supports Smart BIOS
<b>Support CD</b>	- Drivers, Utilities, AntiVirus Software (Trial Version)
<b>Unique Feature</b>	- ASRock OC Tuner - Intelligent Energy Saver - Hybrid Booster: - CPU Frequency Stepless Control - ASRock U-COP - Boot Failure Guard (B.F.G.)
<b>Hardware Monitor</b>	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore
<b>OS</b>	- Microsoft® Windows® 2000 / XP / XP 64-bit / Vista™ / Vista™ 64-bit compliant
<b>Certifications</b>	- FCC, CE, WHQL
<b>Accessories</b>	- Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 133 Cables - 4 x SATA Data Cables (Optional) - 1 x SATA 1 to 1 Power Cable (Optional)

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