



## Revolution of Hardcore Platform

### SX48P2 Deluxe



Shuttle's next generation, high performance platform promise to revolutionize the way you work, live and play. Delivering the very latest in high performance computing, the Shuttle SX48P2 Deluxe features the latest high-end Intel® X48 Express Chipset, with optimized system memory capabilities, chipset over-speed protection removed for maximum over-clocking and Intel® Turbo Memory Technology, providing faster boot and application load times and additional power savings.

With the latest PCI-Express Gen 2.0 interface supporting ATi CrossFire X™ and DirectX® 10 delivering the most hardcore gaming platform with awesome performance, stunning visual effects and breathtaking HD audio effects brought to you by 7.1 channel Dolby® Digital Live! and DTS™ Connect.

SX48P2 Deluxe also provides an added layer of security with the integrated biometric Fingerprint Recognition Technology ensures your personal documents and information are kept safe. In addition, data sharing is much faster and more convenient than before with e-SATA and innovative USB Speed-Link feature, which easily connects and shares data between 2 PCs.



## SX48P2 Deluxe

### Intel® X48 Express Chipset

Optimized system memory capabilities, chipset over-speed protection removed for maximum over-clocking performance and Intel® Turbo Memory for improved system responsiveness, faster application loading and concurrent performance enhancement. The high-end Intel® X38 Express Chipset supports the latest Intel® Extreme Tuning Utility, an integrated over-clocking feature within the chipset providing fine tuning.



### PCI-Express Gen 2.0 with ATI CrossFire™ Technology

Experience the most hardcore gaming platform featuring PCI-Express Gen 2.0, the latest architecture providing twice the bandwidth of current PCI-Express. Be amazed by the stunning graphics performance and ultimate visual experience presented by ATI CrossFire X™ Technology.



### OASIS Cooling Technology

The newly designed OASIS Cooling Technology delivers a specially designed heat-sink covering the North Bridge, South Bridge and MOSFET modules effectively dissipate heat without the use for fans. Featuring all-new heat pipe designs, Shuttle OASIS allows users to enjoy longer component lifetime through lower temperatures and added system stability all in a silent operational environment.



### Dynamic Over-clocking Technology

User friendly Dynamic Over-clocking feature enabling an easy way to over-clock your system to BIOS presets (3%, 5%, 7% and 10%). For more advanced users wanting more options additional voltage and frequency settings are available including the tuning of FSB, NB core, SB core and PCI-E.



### Advanced Security for Your Digital Information

Add a layer of security protection through the integrated biometric fingerprint reader, you can keep your digital identity and data more secure, no more worries for memorizing multiple passwords for different usage.



### All Solid Capacitors Motherboard Design

All solid capacitors design is the new trend for Shuttle's motherboard and guaranteed to deliver maximum stability, reliability and longer system lifetime for the ultimate PC gaming and entertainment experience.



### 80 PLUS® Certified Power Supply

The 80 PLUS® performance specification is a standard which requires power supplies in computers and servers to be 80% or greater energy-efficient. This makes an 80 PLUS® certified power supply at least 33% more efficient than current power supplies.



## Specification

### FORM FACTOR

- Shuttle Form Factor 325(L)x210(W)x220(H)mm
- Shuttle "P2" chassis

### PROCESSOR

- Intel® Core™ 2 Quad / Core™ 2 Duo / Core™ 2 Duo E4000 Series / Dual-Core E2000 series, Celeron 400 series Processor
- 800/1066/1333/1600 MHz FSB
- LGA775 package

### CHIPSET

- North Bridge Intel® X48
- South Bridge ICH9R

### MEMORY

- 4 x DDR3 800/1066/1333/1600 MHz
- Supports Dual channel 2GB per DIMM (Max 8GB)

### AUDIO

- Realtek ALC888DD
- Supports Analog 7.1 channel output
- Support Dolby Digital Live! and DTS

### ETHERNET

- Marvell 88E8056 (PCI-E Interface)
- IEEE 802.3u 1000Base-T compliant
- 10Mb/s, 100Mb/s and 1000Mb/s operation
- Supports Wake-On-LAN
- Dual LAN support teaming

### STORAGE INTERFACE

- 1\* UltraDMA 100 IDE channel connector

- 4\* On board SATA 3.0Gb/s connectors
- 2\* eSATA connectors in back panel
- 1\* Floppy connector
- NCQ support

### POWER

- 450W ATX Power supply
- Input 100 - 240V AC
- 80 PLUS certified
- Power Plug region specific

### OVERCLOCKING

- CPU Frequency, CPU Voltage, RAM Frequency, RAM Voltage
- Dynamic Over-clocking
- PCI-E Frequency, Voltage

### EXPANSION BAY

- 3\* 3.5" bay
- 1\* 5.25" bay

### FRONT PANEL

- 2\* USB 2.0 ports
- 1\* Mic in
- 1\* Earphone out
- 1\* Power-on button
- 1\* Reset button
- 1\* Power indicator - blue
- 1\* Bluetooth indicator - blue
- 1\* Wifi indicator - yellow
- 1\* HDD indicator - orange
- 1\* Speed Link button
- 1\* Fingerprint Recognition

### BACK PANEL

- 2\* PCI Express x16 slot
- 6\* USB 2.0 ports
- 2\* RJ45 Gigabit Ethernet port
- 1\* Audio Line in connector
- 1\* Audio Front out connector
- 1\* Audio Rear surround connector
- 1\* Audio Side surround connector
- 1\* Audio Center/Bass connector
- 1\* Mic In port
- 1\* SPDIF Out port
- 1\* Coaxial Out port
- 2\* e-SATA connectors
- 1\* Clear CMOS button
- 1\* Wireless Antenna fixture
- 1\* External eSATA Power port

### ACCESSORIES

- XPC Multilanguage Quick User Guide
- XPC DVD Driver (XP/Vista 32/64 bit)
- 1\* Power cord
- 1\* IDE cable (pre-install)
- 2\* SATA cables (pre-install)
- 1\* Floppy cable
- 1\* eSATA cable
- 1\* USB to USB cable
- 1\* VGA power extension cable
- 1\* External eSATA power cable
- 1\* FDD Power extension cable
- 2\* Cross fire bridge
- 1\* Dipole Antenna
- Screws
- Heat sink Compound