

LANParty JR P45-T2RS

Looks small, Frag more!!



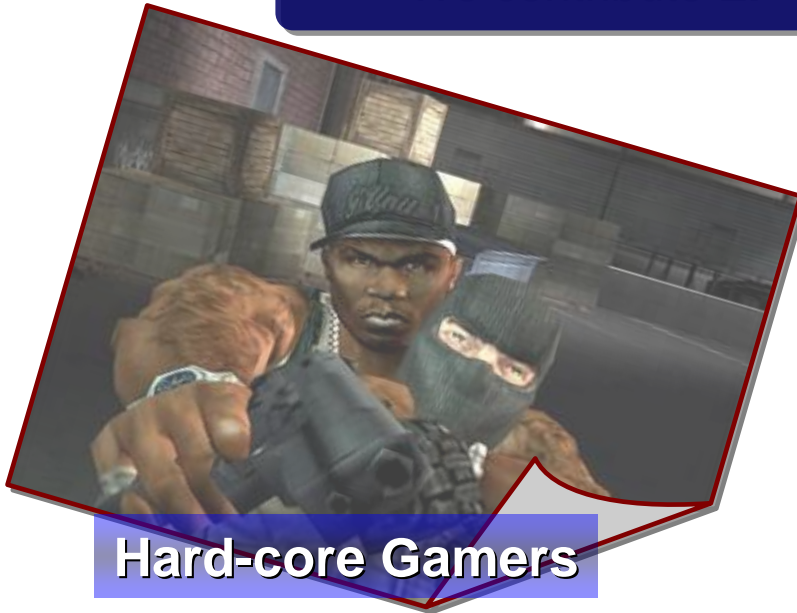
LANParty JR P45-T2RS



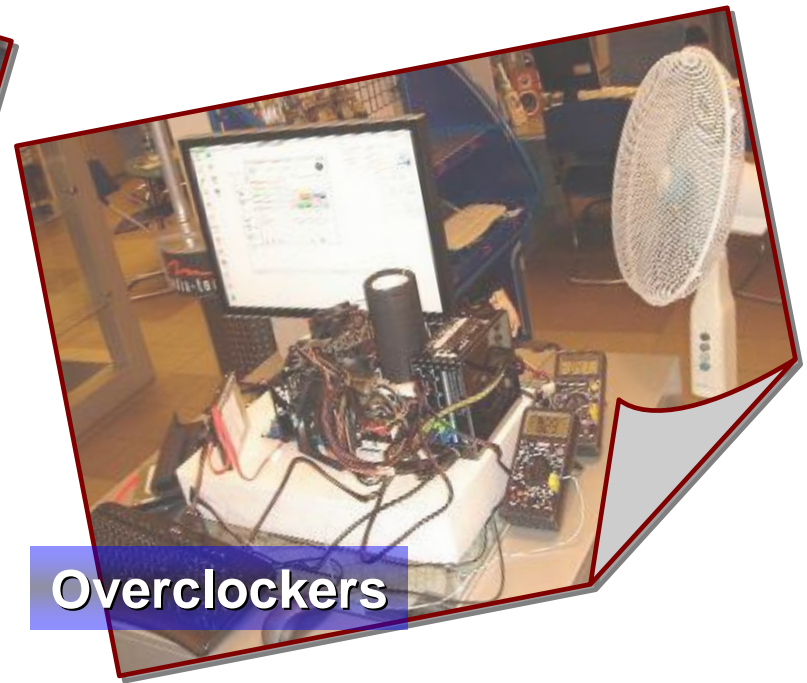
The hardcore gamers- oriented motherboard with excellent Hybrid Crossfire rendering technology!!

Target segment of the platform

We contribute LP JR P45 Series to :

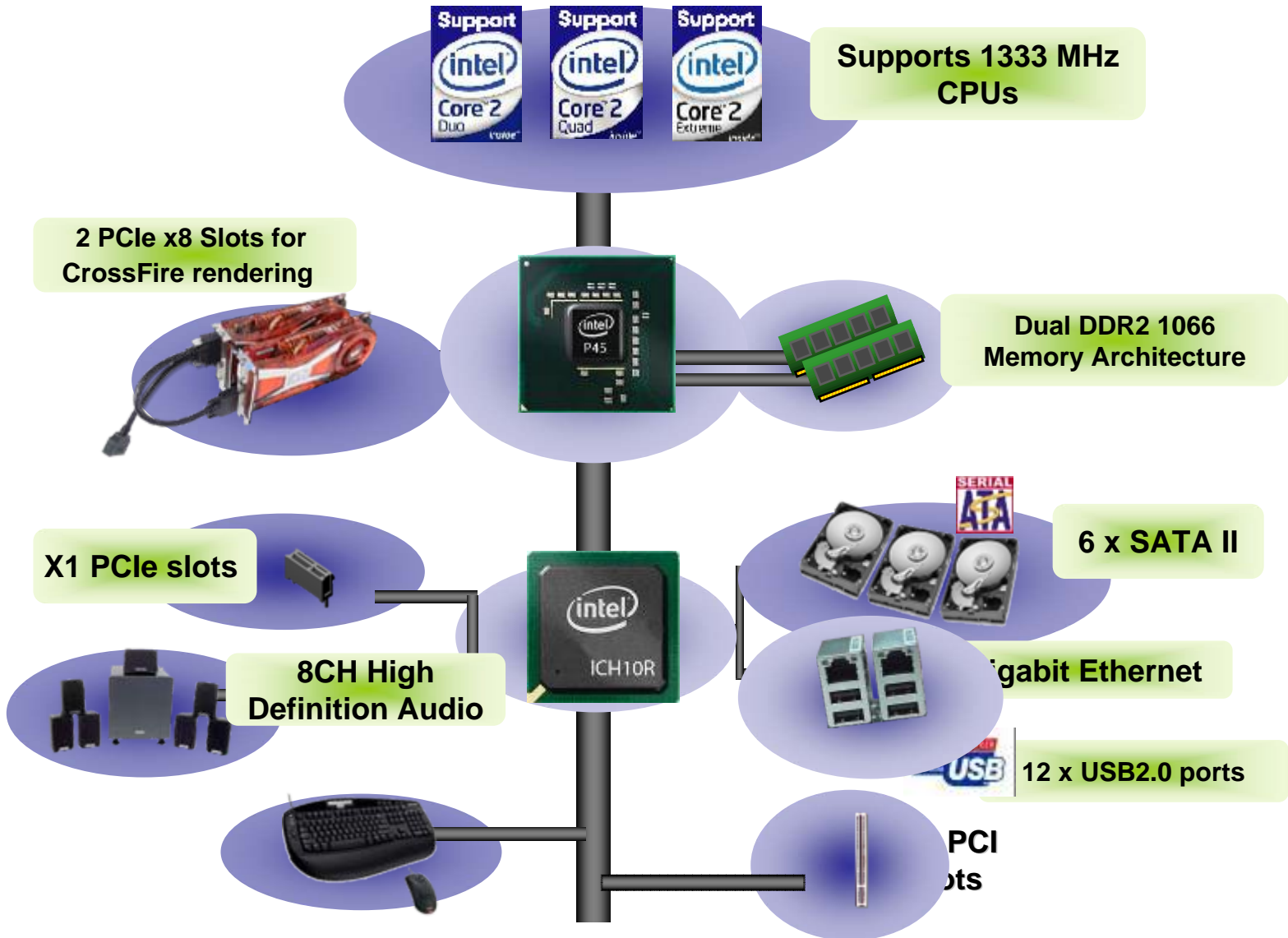


Hard-core Gamers



Overclockers

LANParty JR P45 series platform

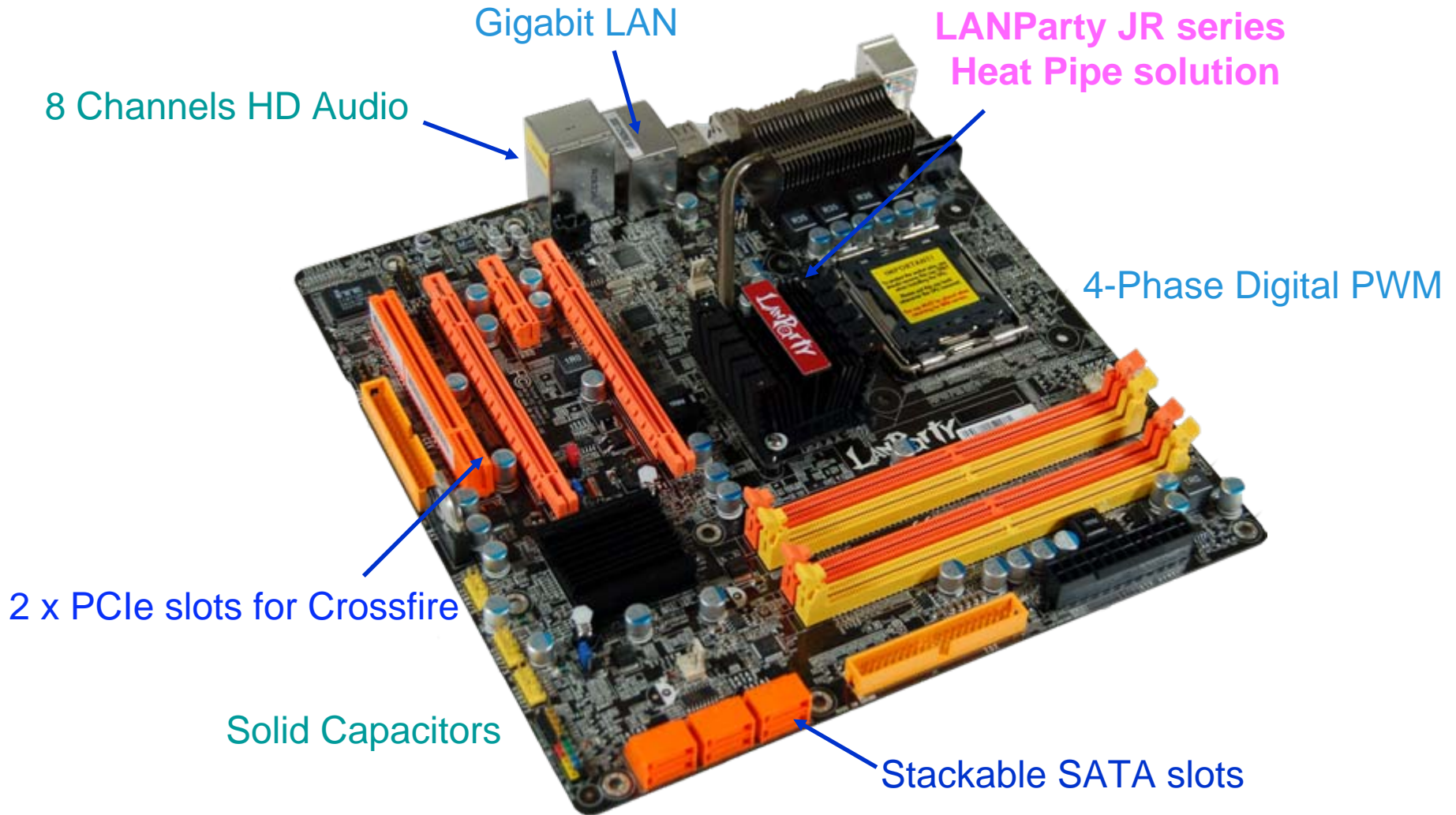


Specification of JR P45 series

LP JR P45 Series	
CPU	Intel® Core 2 Duo, Core 2 Quad, Core 2 extreme
FSB	1333MHz
Chipset	P45 + ICH10R
Memory	4 x DIMM DDR2 1066 up to max. 8GB
Slots	2 PCIe x8, 1 PCIe x1, 1 PCI
SATA ii	6 x SATA 3G with Raid 5 1 x IDE
LAN	PCIe GbE LAN
USB 2.0	12
Audio	8 Channels HD Realtek 885 audio CODEC
Cooling	Unique heat sink for NB, SB & PWM



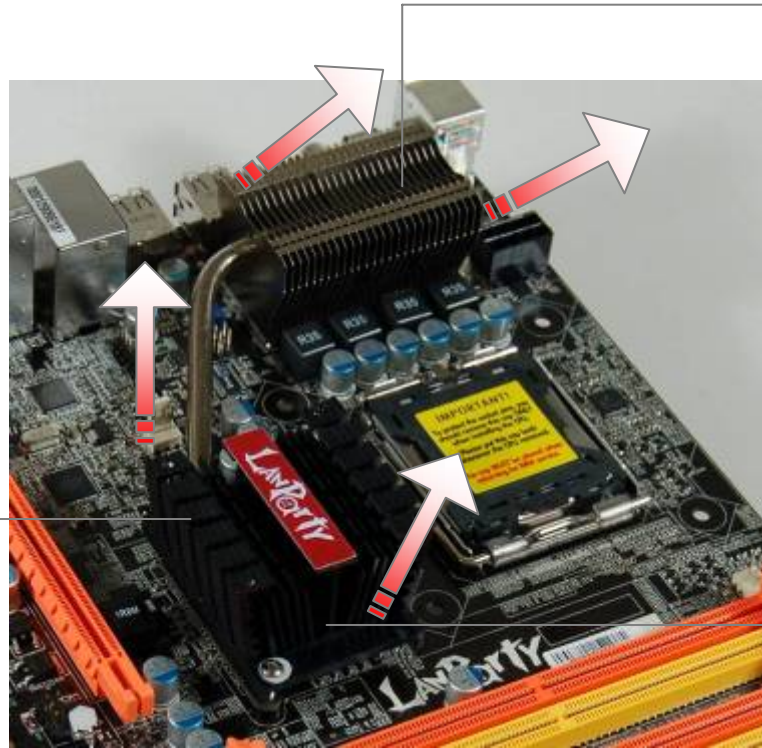
Features of LP JR P45



Highlighted feature

Advanced heat dissipation design

Advanced heat dissipation design



Wider fins surface to grossly dissipate heat

Equipped with a copper-made heat pipe, expedite the heat transfer rate.

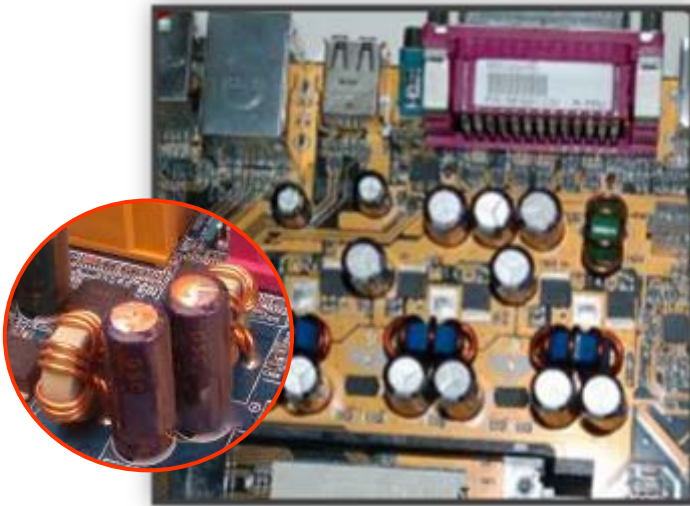
Fan less heat sinks for Northbridge, Southbridge and PWN area cooler, 0 dB cooling solution , totally noise-free.

Highlighted feature

Ultimate Energy Efficient Digital PWM

Digital PWM benefit

Ordinary PWM



Capacitors explosion by overheat while OC.

- Instability of voltage supply
- Higher temperature caused by massive usage of traditional capacitors
- Unduly subjected to dangerous explosion while OC







4-Phase Digital PWM



No aluminum caps in use, life-cycle problem free

- Provides regulated voltage to avoid damage to capacitors
- Improves vCore stability and reliability while over-clocking
- 4-phase PWM, provides up to 120A for CPU, which fully supports over-clocking.

Digital PWM benefit

<p>New Design Extra Durable</p>	<p>Traditional Design</p>
<p>Digital PWM Slave IC Built-in with current and temperature sensors</p> 	<p>Traditional MOSFET</p> 
<p>SMT Ferrite Core choke</p> 	<p>Iron Core Power Inductor</p> 
<p>Lower ESR MLCC capacitor</p> 	<p>Ordinary Solid capacitor</p> 

Digital PWM benefit

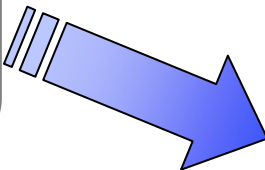


The Digital PWM provides **high stability**, power-saving and longer durability with a lower power consumption and heat production.

- DFI is first motherboard manufacturer to incorporate Digital PWM in enthusiast motherboard, which is the whole digitalize power supply module in the industry.
- DFI features 6-phase SMT Ferrite core choke and latest MLCC capacitor. Therefore, this is the best of best solution for OC or extreme usage.
- The digital PWM module includes 4 major parts: Master IC, Smart Slave, SMT Ferrite and MLCC capacitor.
- The communication between “front-end” and “back-end” IC is all by a series of digital signal. Hence, it is extremely accurate No matter the feedback of CPU voltage or CPU temperature...etc, they all performs very precisely. Aside from these, the speedy switching from Core Choke’s 800Khz clock is the main reason to make voltage’s output became shortly. That is why the board no need to have a bigger Capacitor anymore.

Highlighted feature
8CH High Definition Audio

8CH High Definition Audio



HD 8CH audio

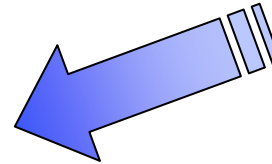
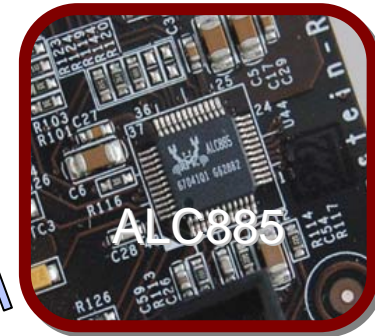
ALC885 features 8CH High Definition Audio with **106dB DAC** and **101dB ADC SNR** and it can perform faultless audio streaming at **96KHz/24 bit** or higher.



ALC885 is certified by Microsoft Vista Premium version.

8CH High Definition Audio

Excellent quality for Gaming,
DVD movie playback



***JR series model incorporate Realtek ALC885 high definition audio codec, aimed to provide lossless audio for Gaming, DVD movie or even classical music.**

(ALC888 is a lower version to ALC885)

Highlighted feature
Auto Boost System

Somehow, overclocking is never easy to some gamers.....



The first Auto CPU upgrade system !!
A ultimate solution to upgrade your PC by
press a single key only!
100% trouble free

Only needs
2 steps
to
optimize your system.

DFI embed a CPU upgrade technology for each “ABS” supporting mother-boards.

Step1 Turn on your PC

Step2 Press F1

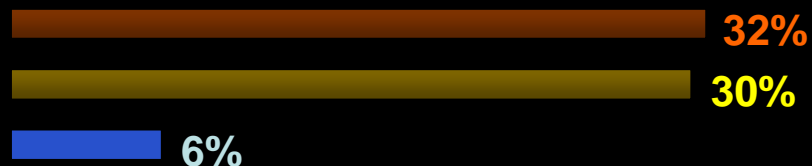


ABS Benefits

CPU Auto upgrade By ABS function:

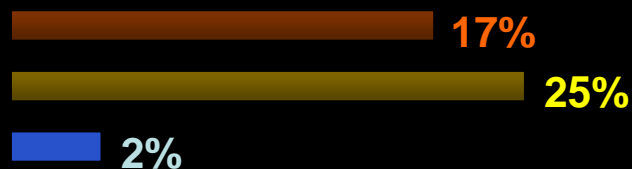
- **FSB 800 upgraded**

- 3D performance up 32%
- CPU performance up 30%
- DRAM performance 6%



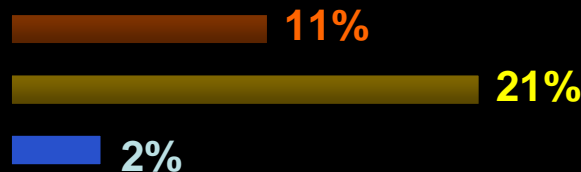
- **FSB 1066 upgraded**

- 3D performance up 17%
- CPU performance up 25%
- DRAM performance 2%



- **FSB 1333 upgraded**

- 3D performance up 11%
- CPU performance up 21%
- DRAM performance 2%



auto boost system

"ABS" Utility provides

- Backup OC profile
- Load OC profile
- Exchange OC profile



auto boost system



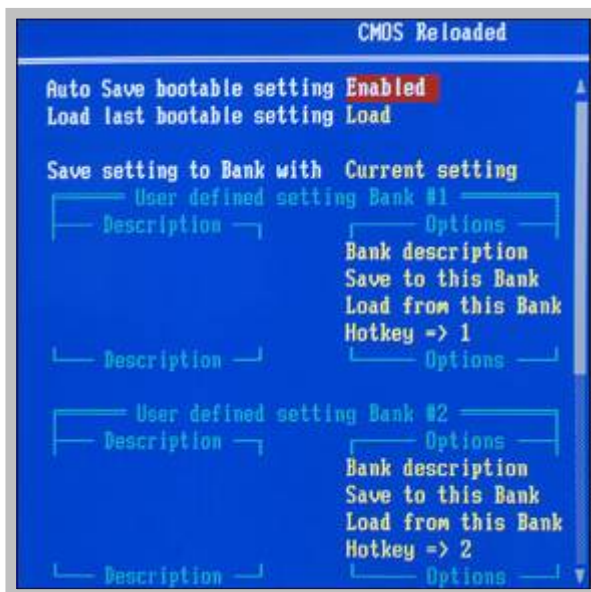
Share or Exchange
your own **OC profiles**
everywhere via internet!!

The advertisement features three computer cases: a silver tower case on the left, a black tower case in the center, and another black tower case on the right. They are positioned around a glowing blue world map. Lines connect the cases to various locations on the map, symbolizing global connectivity. The background is black, making the blue map and white text stand out.

Highlighted feature
friendly Interface

CMOS Reloaded

The OC setting saver



Enable users to tweak the maximum performance

Save all the BIOS settings on the fly

Recall the settings by pressing a user-defined hot key

You can save your different **BIOS** setting to here
for fast and easy OC. testing!



Genie BIOS

The Enthusiasts' favorite!

The most powerful BIOS settings!

Memory voltage from 1.71V to 3.04V

CPU core voltage up to 2.08V

NB core voltage from 1.265V to 2.040V

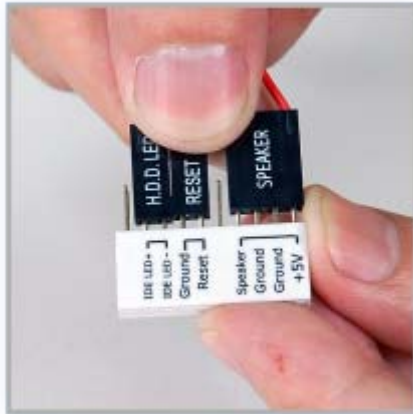
SB core/CPU PLL voltage from 1.51V to 2.38V

CPU VTT ranging from 1.211V to 1.805V

Adjustable multiplier control from 6X to 50X

(*depends on CPU itself)

Smart Connector



The Smart Connector makes your connection between front panel and cables of chassis become easier.

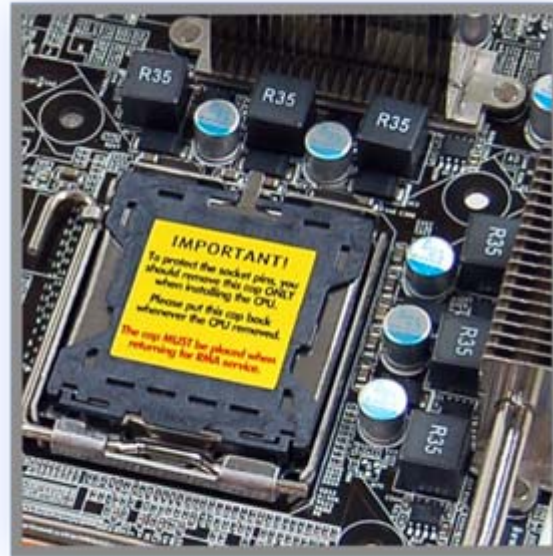
From now on, the Smart Connector terminates troubles of plugging all the chassis cables to motherboard's front panel.





The issue of automatically shut down while overclocking. No matter you tweak the **CPU FSB** or **ratio of memory**, the system will not power off by itself again.

Unique selling points



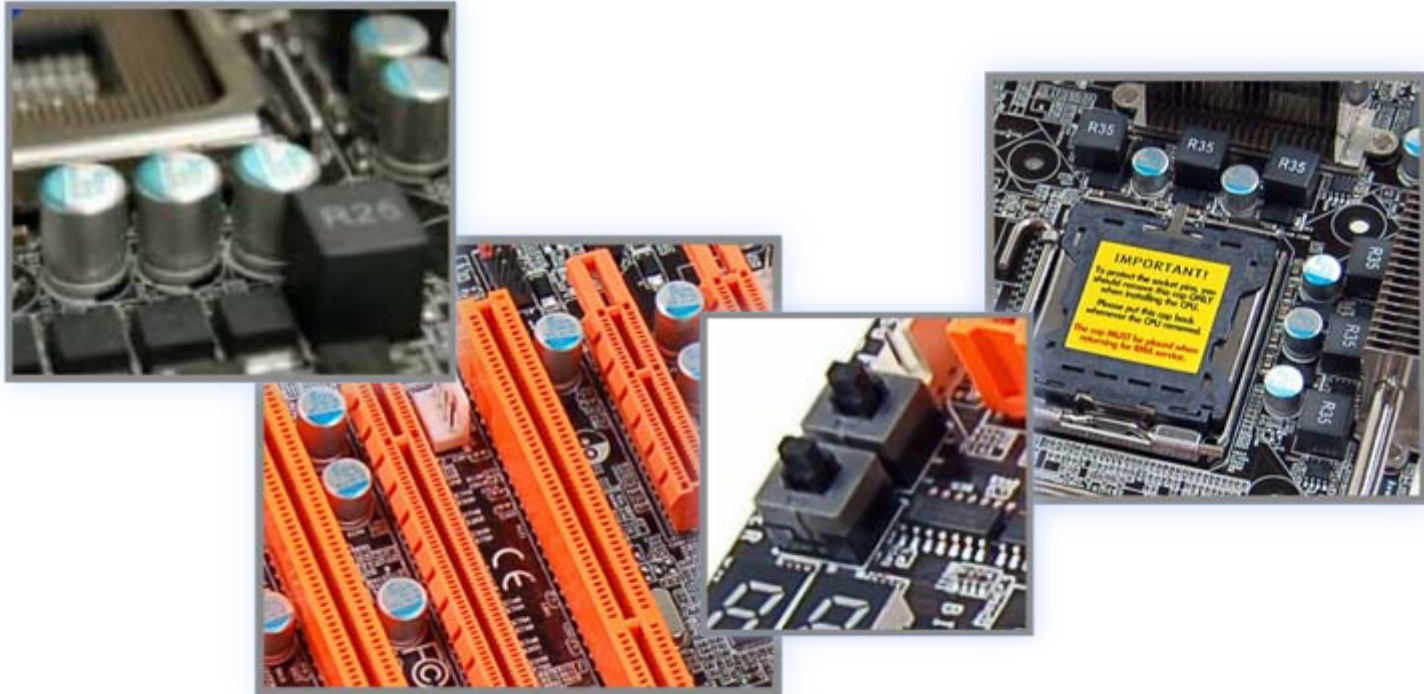
Advanced 4-Phase Digital PWM

With 18 MOSFETs

Unique selling points

Quality comes from details

That's why LANParty is the best!



Unique selling points

Friendly Interface

The most convenient & powerful BIOS interface!

Smart Connectors

The Smart-Connector makes your connection between front panel and cables of chassis become easier. From now on, the smart connector terminates the troubles of plugging all the chassis cables to motherboard's front panel.



*auto
boost
system*



**Intel *OC*
power off
issue fixed!!**

No matter you tweak the FSB or memory Ratio.
The system will not power off by itself again!



Thanks you!!