



Evolution, The Path to Perfection



Mozart Tx ~
The Ideal Home Entertainment Center

VE1000SWA / VE1000SNA (Silver)
VE1000BWS / VE1000BNS (Black)



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TT LIFE

VOL.3/2006.09

Mini chassis on the move

External Storage -
Your Reliable Partner

Key 3 Spirit

Need a 1000 Watt PSU?

Want to talk to Thermaltake?

Tt, the Official Hardware Supplier of
WCG 2006 Grand Final





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MINI CHASSIS ON THE MOVE

Thermaltake's First Mini Chassis

Thermaltake has recently released several innovative and exciting products, and we are simply continuing to push out with creative products. Our newest product fits the essence and spirit of the gamer BYO (Build-your-own) market the light and small LAN Box. In the modern life style, computers are no longer machines for work, but instead turning into a consumer product. The small chassis Thermaltake has created this time is not only trendy and fashionable, it is also much more versatile and portable than the competitors.





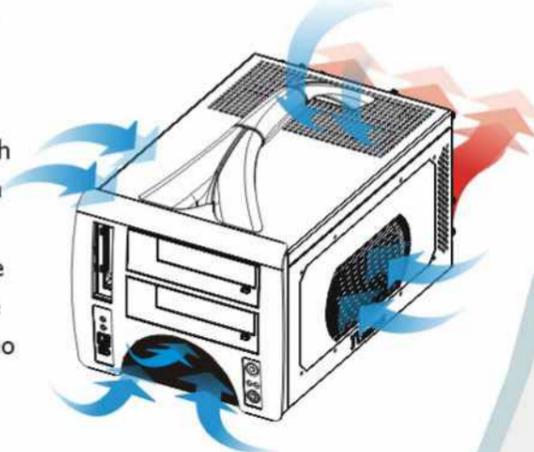
Small, Simple, Easy

Taking a look at all the small form factors in the PC market, the general trend is that everyone wants to get smaller. As a result, heat dissipation, upgradeability, and noise level have often been ignored or compromised. Thermaltake has pinpointed these weaknesses of the modern small purchase and resolved them through our LAN Box. The LAN Box utilizes Micro ATX motherboard and PS2 power supply units. In the end, the PC enthusiasts can upgrade their small PC conveniently or build their own computers using the parts they prefer. No more are the days when small PCs require the usage of their own proprietary parts. The LAN Box has been modularized and analyzed throughout its design. The conventional chassis are simply too bulky and heavy for the gamers to easily

bring to LAN parties. Thermaltake wanted a small chassis that would be a delight to build a computer system in and be easily brought to LAN parties. The LAN Box's strengths have covered all the weaknesses of the modern small form factor computers. On the other hand, Thermaltake's LAN Box also has a 7" expansion bay built in for accessories such as an automated 7" LCD touch-screen. When the touch-screen is mounted and in use, the screen can be used as an alternate interface to the gaming machine without having to jump out of games to multitask on a single computer. The LAN Box also has a handlebar built on top for easier portability as users stride around the world with the beautiful Thermaltake LAN Box.

Excellent Thermal Solution

Thermaltake has undergone rigorous thermal testing with the LAN Box. The internal of the chassis has been through thermodynamics testing with a 92mm intake fan and 2X60mm exhausts. The enthusiasts with high performance graphic cards can utilize the factory cooler since there are side vents on the chassis to circulate fresh air for the video



card. Since everyone knows cooling a system properly is the key to stability, an additional 60mm fan can be added onto the chassis at any given time to facilitate extra airflow.

In order for the power supply to cool better without interfering with the internal system airflow, the LANBOX is designed to have the power supply mounted upside-down in order to draw cool air directly from outside the chassis. The traditional design forces the power supply to draw warm air from within the computer system, giving the power supply warm air and disturbing the crucial smooth airflow inside the system; the advantage of this design is that it will dissipate all of the heat of the power supply without disturbing the internal airflow at all.

Gaming Compatibility

In order for the enthusiasts and gamers to have a complete set of matching equipment, Thermaltake has presented the Flare series, including keyboard, mouse, and mousepad. The Flare series will provide any gamers with the highest quality of gaming and gaming environment, and match the LAN Box for the entire system to be a total gaming rig.

Products Designed for Gamers

The LAN Box provides more than adequate room and versatility compared to the competition of the same market. The LAN Box may be slightly bigger than the competition, however, it is focused on performance and cooling. Thermaltake wants our customers to be able to upgrade easily and never have to worry about cooling, and that is what the LAN Box is designed for.

With the Thermaltake LAN Box, everyone can attend LAN parties anywhere with their friends and co-workers. A gaming system can immediately be shrunk into a miniature powerhouse, not take up any room, and still look great around your home. Thermaltake believes that you will be more than happy with the features of the LAN Box.





Aguila

VD1000 Series Middle Tower

Features

- ATX/BTX compatible (BTX upgrade kit is optional)
- Fits up to standard ATX & BTX motherboard
- Dual 120mm silent front and rear fan
- Mesh design for optimal ventilation
- Color: Silver (all aluminum case)
Black (SECC with aluminum front panel)
- Fits Tt liquid cooling system



Kandalf LCS

Built-in Liquid Cooling System
VD4000 Series Super Tower

Features

- Full tower case with building liquid cooling system
- Utilize thermal concept of automobile and place radiator in front of computer chassis
- High performance 120X360mm radiator embedded in the front door
- Offers more extra space within case while radiator in the front door
- Minimize installation time with partial pre-assembled liquid cooling components
- ATX/BTX compatible (BTX upgrade kit is optional)

ARMOR J.

VC3000 Series Middle Tower

Features

- ATX/BTX compatible (BTX upgrade kit is optional)
- Drive bay capacity:
ATX: 5.25" x 5, 3.5" x 2/4 (external/internal)
BTX: 5.25" x 3, 3.5" x 2/4 (external/internal)
- 120mm silent front and back fans
- Tool-free, easy to install
- Color: Silver(Aluminum) & Black(SECC)
- Fits Tt liquid cooling system



ARMOR LCS

VE2000 Series Super Tower

Features

- Full tower case with building liquid cooling system
- High performance 120 x 240 mm Racing Level Radiator (Louvered Fin) with dual 120mm blue Led fan the the case front
- Dimple Tube Technology provided the high density thermal surface on the fin and greatly enhances the thermal efficiency.
- DC 12V P500 Pump -Superb Liquid Pump with 500 L/hr.
- ATX/BTX compatible (BTX upgrade kit is optional)



EUREKA ALUMINUM CASE

VC8000 Series Home Server Full Tower

Features

- Full tower, all aluminum chassis
- Supports up to extend ATX motherboard(12" x 13")
- 120mm silent front and rear case fans
- Honeycomb see-through side panel for maximum airflow
- Pre-assemble mounting for liquid cooling system



Mozart Sx

Media LAB

VC7000 Series Slim ATX Media PC

Features

- Slim type DVD style and pithy aluminum front panel design.
- Built-in Media LAB kit with hot keys module : (Optional)
 1. Media LAB Hoy Keys function.
 2. Media LAB application CD and remote control.
 3. Media LAB VFD panel.
- Superb multimedia capability.
- Full ATX & Micro ATX & Mini ITX compatibility.
- Fits Standard PSII PSU.
- Front I/O ports for easy access.

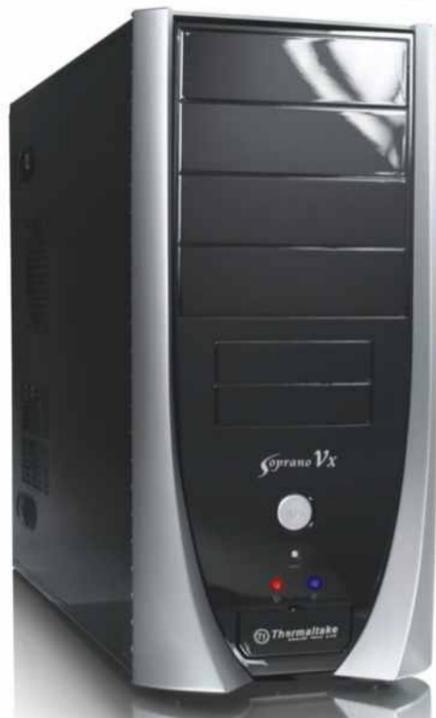
Multimedia Kit Application CD

Language Support :

English, Traditional, Chinese, German, French, Japanese, ... 13 multi languages

OS Support :

Windows 98, Windows Me, Windows 2000, Windows XP



Soprano Vx

Piano Mirror Coating

VD6000BNS Middle Tower

Features

- Simple and elegant
- Piano Mirror coating
- Dual USB 2.0, IEEE 1394 Firewire, HD Audio ports
- Tool-free installation for all drive bays & add-on cards
- High efficiency ventilation: 12cm silent fan in rear (front 12cm fan is optional)
- Side air duct for superior thermal efficiency

Bach Sx

Media LAB

VC9000 Series Slim BTX Media PC

Feature

- Pithy aluminum front panel design
- Built-in Silent BTX Cooler (Optional)
- Multimedia LAB kit : (Optional)
 1. Media LAB remote control
 2. Media LAB application CD
 3. Media LAB VFD panel
- Superb multimedia capability
- Micro BTX & Nano BTX & Pico BTX compatibility
- Fits Type I cooling system
- Front I/O ports for easy access



Multimedia Kit Application CD

Language Support :

English, Traditional, Chinese, German, French, Japanese, ... 13 multi languages

OS Support :

Windows 98, Windows Me, Windows 2000, Windows XP



First, Maggie acquired four 500GB SATA drives and set the Muse NAS-RAID to the RAID 10 function. Next, she stored all of her work into this one terabyte storage space. The 1GBps high speed connection allowed her to store and back up all her information in just minutes. With the RAID's double protection functions, no users would need to worry about their data being lost when a hard drive fails. The Muse NAS-RAID supports hot-swappable functions and will alert the users whenever a drive fails. Backing up data has never been easier and safer.

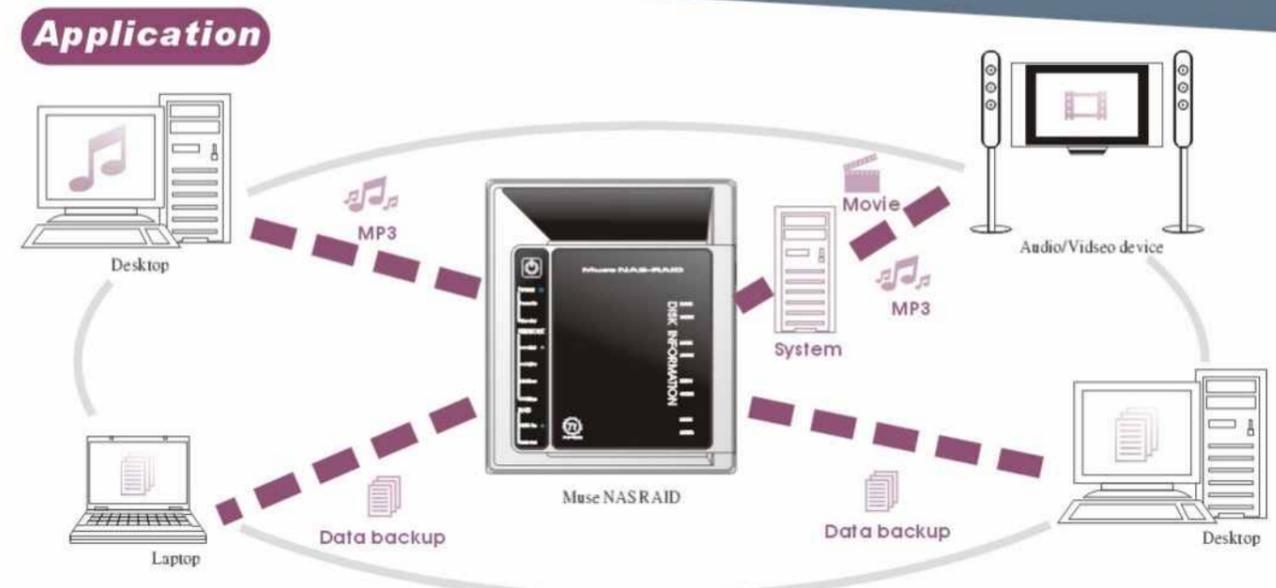


External Storage - Your Reliable Partner

Maggie is a resident SOHO graphic designer in Southern California. The past 5 years of working experience has accumulated an impressive portfolio for her. Essentially, her portfolio is her career and her life. In the past, she has been very frustrated regarding how to secure and backup her data. So far, she's only been able to burn CDs every single time she needed to back something up. Thermaltake has her solution right here and right now. The Muse NAS-RAID can support up to 4 SATA hard disk drives and supports the RAID function. Through the LAN capabilities of the Muse NAS-RAID, everyone in her network can access her data (which is also her life) securely and easily.



Maggie enjoys putting all of her MP3s and movies in the Muse NAS-RAID at the same time. She said that with everything in her Muse NAS-RAID, she can share her happiness with her family and friends anytime!





Maggie not only loves her new data storage solution, she also loves the new Thermaltake external enclosure: the Muse OTB2.5. The One-Touch Backup function and Scheduled Backup functions are why Maggie

loves it so much. She hates it when she is working on a project and the computer crashes. With the Scheduled Backup function, she can set up periodic backups whenever she wants. The One-Touch Backup function is also embraced as all she needs to do when she wants to backup something immediately is to press a little button on her enclosure. The Thermaltake Muse OTB2.5's unique encryption features secures her data wherever she goes so she does not need to worry about the integrity of her data security.

Maggie said the Thermaltake Muse enclosures are very well-made and differs greatly from the units she usually sees on the market. The Muse NAS-RAID enclosure is simple and elegant. The built-in 120mm fan can cool off all the hard drives inside without making any noise. The Muse OTB2.5 is the world's first enclosure that supports the One-Touch Backup function on a SATA drive. Using the dual USB/ESATA interface, the transfer speed can go up to 3GBps.

Maggie only hopes the world would find out, like she did, that the elegance, quality, and technology of these new Thermaltake products are simply unmatched.



Basic Setting

The Basic Backup allows you to select the file(s) and folder(s) to backup when you press the ThumbBackup button

Scheduling Backup

The Scheduling Backup allows you to set the time for backing up file(s) and folder(s)

Advance Setting including restore function

The Advanced Setting allows you to set the data writing mode, compression and encryption, as well as data restoration

Retail Products - External Storage

MAX4 eSATA & USB2.0 COMBO 3.5" PIN : N0003US

Urban style- application for 3.5" SATA HDD

Features

- Supporting eSATA & USB2.0 interface.
- Application for 3.5" SATA HDD.
- LED for power and disk activity.
- Made by Aluminum body for thermal solution.
- Transfer speed up to eSATA-3Gbps & USB2.0-480Mbps.



Muse OTB2.5 eSATA & USB2.0 COMBO 2.5" PIN : N0002USIN0010US

Graceful Aluminum Shape - application for 2.5" SATA HDD

Features

- The world 1st one touch backup 2.5" eSATA & USB combo enclosure.
- One Touch Backup & Restore function (one touch backup function only for USB interface, restore function be used by software)
- Backup software has friendly interface and including 3 main functions: Basic backup/ Scheduling backup/ Advance setting.
- Supporting eSATA & USB2.0 interface
- Lightweight and stylish aluminum external enclosure.
- Data protection by password (Only for USB interface)
- Transfer speed up to eSATA-3Gbps & USB2.0 - 480Mbps.



Muse NAS-RAID 4bay Network Access Sever PIN : N0001LN

Reliable SOHO & Home Network Storage solution- application for 3.5" SATA HDD

Features

- Network Access Sever; Easily share photos, music, video or files.
- Support RAID 0, 1, 5, 5+Spare, 10, Linear.
- Maximum transfer rate up to 1Gbps by RJ45 LAN.
- Professional Web-based management for easy setting.
- 4 Hot swap carrier design, easily replace the fail HDDs.
- Security lock design protect hard drives DATA.
- Overheat & RAID function fail active warning system.
- Update firmware from network.
- Maximize the cooling efficiency by BTX straight-line cooling concept.



Muse LanDisk Enclosure PIN : A2334

Connecting everyone - Application for 3.5" IDE HDD

Features

- Entry level NAS system, maximum support up to 400GB HDD.
- SMB and FTP server applicable.
- Smart DHCP configuration, no IP setting is required.
- LAN Disk W/3 LED Indicator (Link/10-100/USB)
- Data transfer Meter with blue backlight to indicate digital signal.
- All aluminum Fanless design.
- Silver body with graceful curve.
- Screwless clamshell design easy to install 3.5" IDE HDD without tools.



Muse eSATA & USB2.0 COMBO 3.5" PIN : A2357

Graceful Aluminum Screwless Shape Application for 3.5" SATA HDD

Features

- Supporting eSATA & USB2.0 interface the best performance & convenience.
- All aluminum fanless design.
- Silver body with graceful curve.
- Screwless design easy to install 3.5" SATA HDD without tools.
- Data transfer Meter with blue backlight to indicate digital signal.
- Fully support SATA2 eSATA standard.
- Compact mount easily to stand.
- Transfer speed up to eSATA-3Gbps & USB2.0 - 480Mbps.



Need ^A 1000 Watt PSU?

Due to the performance increases and the inevitable energy consumption increases in the modern gaming hardware, the power supplies of computer systems are quickly being outdated. In an optimistic situation where the power supply is not strong enough, the computer may freeze under heavy loads.

In dire situations where the power supply is completely inadequate for the system, the computer system may not turn on at all. As a result, when consumers upgrade their systems, they often have to throw away the old power supply and purchase a new high-performance power supply.



P/N: W0099 Power Express 250W
NVIDIA Certified for SLI
P/N: W0130 Power Express 250W
ATI for Certified CrossFire

Thermaltake is against wasting good working components and damaging the environment. Our goal is to be efficient, in both quality and cost for the consumers. The world's first power supply dedicated to the video cards was born as a result of our research and development. The new Purepower Power Express 250W is a power supply built especially for video cards. The enthusiasts can now keep their slightly outdated power supply and combine it with the new Power Express 250W to deliver exceptional power and performance to their newly upgraded gaming system, saving money and increasing performance and stability.

The Main Features of the Power Express 250W:

- * The world's first dedicated graphics card power supply
- * Standard 5.25 bay design to fit in any free 5.25 drive bays
- * Two sets of PCI-Express connectors to support nVIDIA SLI or ATI Cross-Fire technology
- * Synchronizes with the main power supply saving cost and boosting performance
- * Increases stability of the system during overclocking and heavy loads
- * 3 LED lights to show the status of the power supply at all times

- * Long lifetime: MTBF > 100,000 hours
- * Protections: Input current protection, over-current, short-circuit, under-voltage, over-voltage, and over-heat protections
- * World-class safety: UL, CUL, TUV, CE, CB, and FCC certified

The Power Express is designed to support the +12V up to 21 amps. The two PCI-Express 6-pin connectors are dedicated towards the high-end graphic cards. The Power Express 250W has a set of 24pin adaptor included so that the unit can be synchronized with the main power supply. The benefit of this design is that the user will never need to turn on or off since it will operate along with the whole computer system. The unit receives power from an external power source behind the PCI slots, and the 40mm low-noise fan provides an excellent cooling solution for the power supply.

The Power Express 250W has the cables sleeved so that the computer system can look as clean as possible when it is installed. The Power Express 250W acts as an alternate power supply to combine with the original power supply. If the Power Express is combined with the Toughpower 750W, the output can achieve up to **1,000W** continuously. With the new 24-pin adaptor to connect two Power Express 250W, the total power output can exceed **1250W!** The Toughpower 750W is only 160mm long while the standard 1,000W power supplies in the market are more than 230mm long. In comparison, the Toughpower 750W is approximately 70mm shorter than the standard 1,000W power supplies! Thermaltake believes that no matter whether the enthusiasts want to run dual or quad video cards, Thermaltake is ready to help them save money and save space inside the system.



Currently, the Power Express 250W has been certified by NVIDIA for Geforce 7950 Quad SLI technology and the ATI 1900XTX CrossFire technology. This shows that the Power Express 250W is ready to help you tackle any system setup without having to throw away your old power supply.



Dual Power 520W PIN: W0107 W/Active PFC (240V only)
W0108 W/O PFC(100V/240V)

- Features:**
- Complies with ATX 12V 2.0 version.
 - Supports PCI-Express, 4 S-ATA, and 24-pin detachable main power connector.
 - Special design external aluminum housing and internal heat-sink for maximum heat dissipation.
 - Dual power output: 380W without fan, 520W with 8cm cooling fan.
 - Active Power Factor Correction (PF>0.99) and high efficiency (80%).
 - Fanless design for ultra silent computing. Three selectable fan switch for quiet computing under higher loads: 40°C, 45°C, or 55°C.
 - Gold-plated connector for better conductivity.
 - Protections: Over Current, Over Voltage, Short-Circuit, Under Voltage, Overload, and Over-temperature.
 - Safety / EMI Approvals: CE, CB, TUV, FCC, UL, and CUL certification.



Power Express 270W PIN: W0110 W/Active PFC (100V~240V)



- Features:**
- Standard 5.25" design: installs into any PC Chassis's 5.25" CD-ROM drive bay.
 - Best choice for Mozart TX cube tower or other ITX system chassis.
 - Single PSU mode: Independent PSU that supports entire mini system.
 - Dual PSU mode: synchronous activated with main power by 24-pin adapter and 4-pin PS-ON connector to share the system loading.
 - Complies with Intel ATX 12V 2.2 specs.
 - PCI-Express connector for high-end video cards.
 - Supports S-ATA interface and 24-pin detachable main power connector.
 - Long life, silent, stable dual 40mm cooling fan.
 - Power ON/OFF indicator: red light indicates power on, easy for user to know the power status.

Purepower Power Express 315W

PIN:W0126 W/Active PFC(100V~240V)

- Features:**
- World's FIRST Dedicated Dual VGA Card Power Supply.
 - Fits into any empty 5.25" drive bays in your system.
 - Power consumption monitor to read the VGA Card wattage instantaneous.
 - Intelligent Fan control circuit: cooling fan won't rotate for silent performance (load<25%).
 - Reduces the load on the main power supply and reduces the need to purchase a new power supply.
 - Keeps the voltages stable to maximize the performance of your video cards.
 - Two 6-pin PCI-Express connectors to support any dual video card setup.
 - Three LED display: red for power, one green for 12V1, another green for 12V2.



Toughpower 850W

PIN:W0131 14cm Fan W/Active PFC(100V~240V)

- Features:**
- Stable 850W continuous output (at 50°C operating environment)
 - Four independent & dedicated +12V rails(12V1,12V2,12V3,12V4) provides superior performance for PC system (combined loading of 62A).
 - Four 6pin PCI-E connector for Multi-GPU Graphic Cards.
 - Supports Dual Core CPU / SLI / CrossFire and the latest Quad SLI technology.
 - Modularized Cable Management to eliminate clutter and improve airflow inside the case.
 - Independent Voltage Circuit: offers unflappable current delivery under heavy load.
 - Strict voltage regulation ($\pm 3\%$): provides steady voltage for system.
 - Active Power Factor Correction (PF>0.99) and high efficiency (up to 87%).
 - Industrial grade components (capacitor, transformer, etc)
 - High reliability: MTBF>120,000 hours.
 - Quiet and reliable 14cm ball-bearing fan.



Toughpower 750W

PIN:W0116 14cm Fan W/Active PFC(100V~240V)

- Features:**
- Complies with ATX 12V 2.2 & EPS 12V version.
 - Modularized Cable Management to eliminate clutter and improve airflow inside the case. SLI, Cross-Fire, and Dual Core CPU ready.
 - Next generation four +12V rails supports high-end graphic card and PC system (combined loading of 60A).
 - Independent Voltage Circuit.
 - Active Power Factor Correction (PF>0.99) and high efficiency up to 85%.
 - Extremely good voltage regulation ($\pm 3\%$)
 - High reliability: MTBF>120,000 hours.
 - Reliable 14cm silent ball-bearing fan.



Toughpower 750W PIN:W0117
14cm Fan W/Active PFC (100V~240V)

- Features:**
- Complies with ATX 12V 2.2 & EPS 12V version.
 - Supports SLI, Cross-Fire, and Dual Core CPU.
 - Four +12V rails supports high-end graphic card and PC system (combined loading of 60A).
 - Independent Voltage Circuit.
 - Active Power Factor Correction (PF>0.99) and high efficiency up to 85%.
 - Superb voltage regulation ($\pm 3\%$)
 - High reliability: MTBF>120,000 hours.
 - Reliable 14cm silent ball-bearing fan.



Toughpower 700W PIN:W0106
14cm Fan W/Active PFC(100V~240V)

- Features:**
- Complies with ATX 12V 2.2 & EPS 12V version.
 - Supports SLI, Cross-Fire, and Dual Core CPU.
 - Four +12V rails supports high-end graphic card and PC system (combined loading of 56A).
 - Independent Voltage Circuit.
 - Active Power Factor Correction (PF>0.99) and high efficiency up to 85%.
 - Superb voltage regulation ($\pm 3\%$)
 - High reliability: MTBF>120,000 hours.
 - Reliable 14cm silent ball-bearing fan.
 - Modularized Cable Management.

Toughpower 700W PIN:W0117
14cm Fan W/Active PFC (100V~240V)

- Features:**
- Complies with ATX 12V 2.2 & EPS 12V version.
 - Supports SLI, Cross-Fire, and Dual Core CPU.
 - Four +12V rails supports high-end graphic card and PC system (combined loading of 56A).
 - Independent Voltage Circuit.
 - Active Power Factor Correction (PF>0.99) and high efficiency up to 85%.
 - Superb voltage regulation ($\pm 3\%$)
 - High reliability: MTBF>120,000 hours.
 - Reliable 14cm silent ball-bearing fan.



Toughpower 650W PIN:W0104
14cm Fan W/Active PFC(100V~240V)

- Features:**
- Complies with ATX 12V 2.2 & EPS 12V version.
 - Supports SLI, Cross-Fire, and Dual Core CPU.
 - Four +12V rails supports high-end graphic card and PC system (combined loading of 52A).
 - Independent Voltage Circuit.
 - Active Power Factor Correction (PF>0.99) and high efficiency up to 85%.
 - Superb voltage regulation ($\pm 3\%$)
 - High reliability: MTBF>120,000 hours.
 - Reliable 14cm silent ball-bearing fan.

Toughpower 600W PIN:W0103
14cm Fan W/Active PFC (100V~240V)

- Features:**
- Complies with ATX 12V 2.2 & EPS 12V version.
 - Supports SLI, Cross-Fire, and Dual Core CPU.
 - Four +12V rails supports high-end graphic card and PC system (combined loading of 48A).
 - Independent Voltage Circuit.
 - Active Power Factor Correction (PF>0.99) and high efficiency up to 85%.
 - Superb voltage regulation ($\pm 3\%$)
 - High reliability: MTBF>120,000 hours.
 - Reliable 14cm silent ball-bearing fan.



Pure Silence



Toughpower : 550W · 600W · 650W
700W · 750W · 850W

Retail Products - Cooling Solution

FEATURES :

- Best performance, supports up to TDP 130W.
- Heatsink :6 heatpipes, aluminum fins, Seamless soldering process and large copper base provide superb cooling.
- Tool-less installation.
- VR Fan: 1300~2000rpm VR control fan to boost cooling performance.
- Weight: 822g

BigTyp™ 120 VX

PIN : CL-P0310-01

Application for
Intel Socket LGA 775 &
AMD Socket K8 & AM2



Cyclo DDR Memory Module Cooler

PIN : CL-R0023

Application for
DDR Memory

FEATURES :

- Crystal, aerodynamic design and blue LED light, the best PC modding mate.
- Ergonomic handles, easy to install.
- Provide cooling for 4 slots of RAM
- Silent blue LED fan x 2, 4500rpm, 19dBA only.
- Dimension: 214(L)x47(W)x69(H)mm
- Weight: 58g



Ruby Orb

PIN : CL-P0391

Application for
Intel LGA775 &
AMD K8/AM2

FEATURES :

- Dimension: 140mmx66mm
- Tt Patented radian crotched fin design providing superior airflow.
- Incredible aluminum fin count: 140 fins, maximizing cooling surface.
- Silent fan with red LED producing only 17dBA
- Weight: 545g

Blue Orb FX

PIN : CL-P0333

Application for
Intel LGA775 &
AMD K8/AM2



FEATURES :

- Dimension: 140mmx79.4mm
- Fascinating flash light with rotative "Thermaltake" words makes extraordinary visual effects.
- Real-time temperature display, shows the degree of cooling.
- Tt Patented Radian crotched fin design provides superior air flow to achieve the optimal cooling.
- Weight: 871g



Silent 775D

PIN : CL-P0378

Application for
Intel Core™ 2 Duo,
Pentium D, Pentium 4,
Celeron D (Socket 775)

FEATURES :

- Dimension: 105(L)x93(W)x85(H)mm
- 4 heatpipes, provide maximum cooling.
- Push-pin design, easy to install.
- Silent PWM 9025 fan, only 21dBA.
- Design for low profile system.
- Weight: 382g

Sonic Tower Rev2

PIN : CL-P0323

Application for
LGA 775, K8,
P4, K7



FEATURES :

- Dimension: 112(L)x112(W)x150(H)mm
- High performance fanless CPU cooler, 0dB cooling solution.
- Heatpipe technology, transfer the heat quickly.
- Special designed fan holder can secure the optional 12 cm fan.
- Weight: 692g



RX Series MiniTyp™ 90 Value Pack

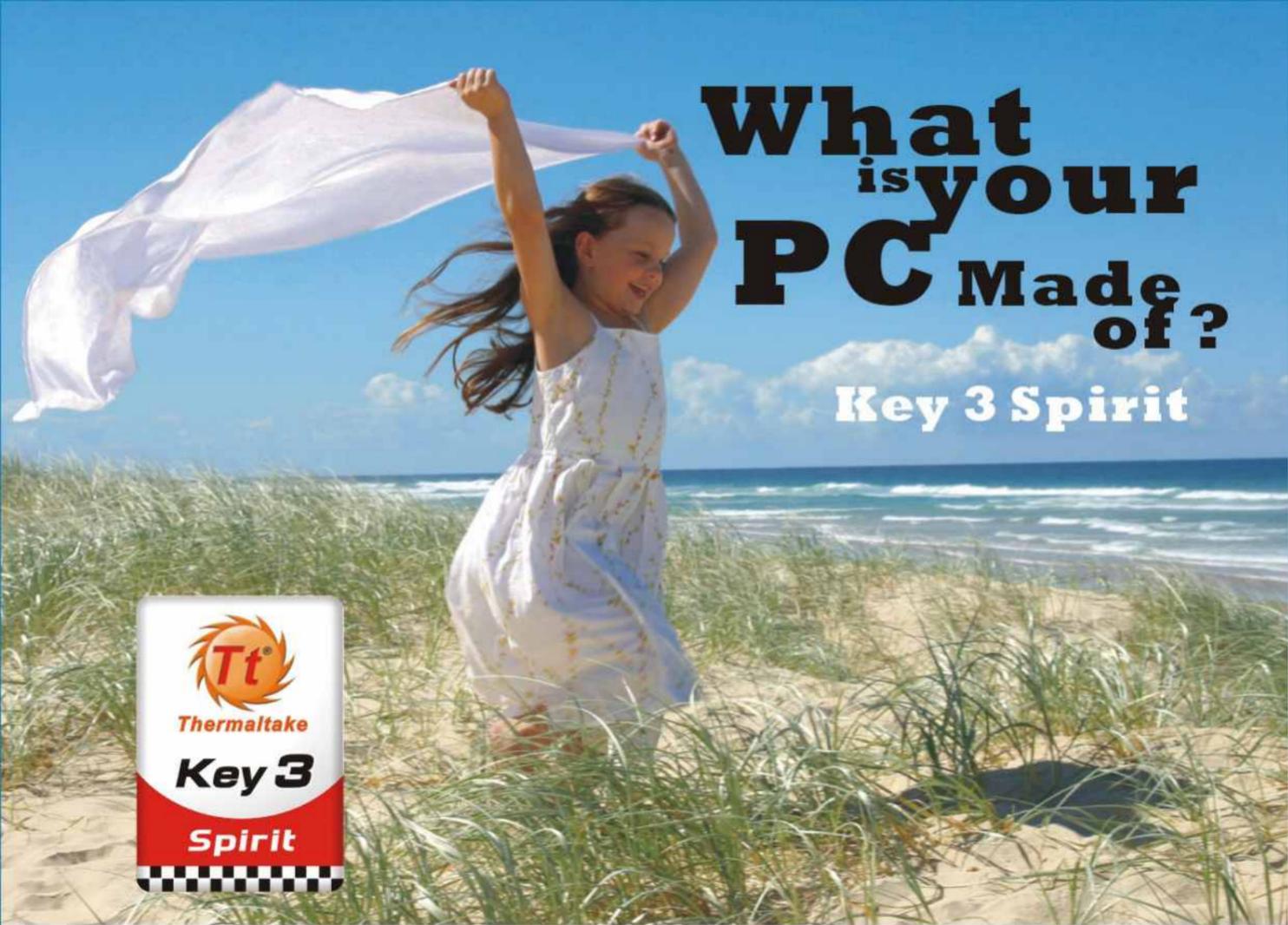
PIN : CL-P0343

Application for
Intel LGA775 and
AMD K8 / AM2

FEATURES :

- The MiniTyp90
- Silent RX Type Flow fan, 2200rpm, 18dBA only.
- Tool-less clip, easy to install.
- Universal design, application for Intel LGA775, AMD K8 & AM2.
- 6 heatpipes and all copper structure provides best performance.
- Silent Blue LED Fan x 2 : 50x50x10mm, 3000rpm, 16dBA.
- Multi-positions to fix the fans.
- Rotatable fan frame x 2 , can adjust from 0 to 45 degrees.
- 3-direction-installations for Northbridge, RAM and VRM cooling.

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What is your PC Made of?

Key 3 Spirit



Thermaltake Technology is the premier choice for PC DIY enthusiasts and many OEM customers worldwide, this is mainly due to our expert thermal and system design capabilities! Our three major product lines include: "Case", "Cooler" and "Power Supply", all incorporate the concept of "Performance", "Silent", and "Thermal Conscious" within its designs.

As the illustration of 3-D graphics, multimedia, and gaming requirements become more intense, desktop PC and server performance is becoming more demanding while demanding higher levels of system integration, cooling, and consumption of higher levels of energy. For that matter, thermal dissipation issues are attracting more serious attention as superb thermal design drives the rapid increase in performance, which in turn helps systems run faster, quieter, and more reliably.

Other than the performance of CPU & graphic card, consumers are starting to pay closer attention to the overall integration of the system. This integration requires advanced solutions for other elements of the system, the case, cooler and power supply. These three elements play key roles in reducing system noise and increasing system performance with superb thermal design. But many computer users are generally unaware of what advanced design and technologies are available for these elements. Thermaltake believes people need to know more about the components they are purchasing and the company behind it.



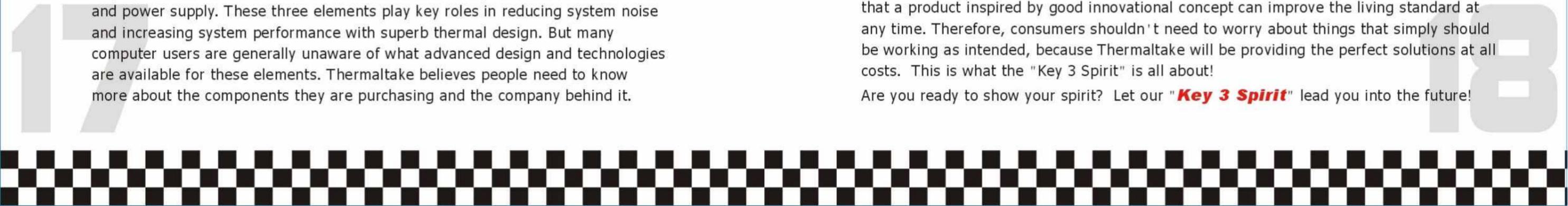
"Key 3 Spirit" is a new concept (program) developed by Thermaltake that directly communicates to consumers, and aims at marketing the "Performance", "Silent Operation", and "Thermal Conscious" design of Thermaltake products. Key to this program is gaining the consumer's confidence in Thermaltake as a brand, and demonstrating the value of buying the Case, Cooler, and Power Supply from the industry's leading company, the number one choice for PC DIY enthusiasts worldwide.

Purchasing a Thermaltake Case, Cooler, or Power Supply labeled with "Key 3 Spirit" is an assurance that the Quality, Performance and Reliability of the components meet the highest standard. In addition, Thermaltake's intangible image of Innovation, Fashionable Design, and Professionalism will be accompanied with every system, to further elevate the value the users system.

"Key 3 Spirit" is used to position the significant role of the Thermaltake case, cooler, and power supply and at the same time, associates these systems with "Performance", "Silent Operation", and "Thermal Conscious". While the benefit of product is communicated to consumers, the brand "Thermaltake" continues to be recognized for "industry leadership", "quality, and "reliability".

Thermaltake's devotion in making products with leading edge technology, best performance, and a more comfortable user experience will continue, because we believe that a product inspired by good innovational concept can improve the living standard at any time. Therefore, consumers shouldn't need to worry about things that simply should be working as intended, because Thermaltake will be providing the perfect solutions at all costs. This is what the "Key 3 Spirit" is all about!

Are you ready to show your spirit? Let our "**Key 3 Spirit**" lead you into the future!



Orchestra PIN:CL-W0097 Enjoy your life with ZERO dB

- Features:**
- Infusing classical and contemporary designs, the Orchestra reinvents the concept of liquid cooling.
 - Combining high efficiency in both performance and installation, anyone can enjoy a silent working environment.
 - Dissipate heat silently: Multiple heatsink fins surround the reservoir body and dissipate heat silently
 - All copper waterblock design: Copper waterblock with brazing technology
 - Universal clips for Intel LGA 775/P4 478 and AMD AM2/K8, easy to install
 - All new liquid pump: Black heavy-duty DC 12V water pump with blue LED and flow rate of 400L/h
 - Refill radiator: Big cap to refill coolant easily and can also be a back-up reservoir
 - 0dB Design: Completely fanless radiator for absolute silence
 - Quick Disconnect Coupling: The fittings incorporate valves of CPC Quick Install
 - Connectors can prevent leaks.



Symphony mini PIN:CL-W0077 Support ATX/BTX

- Features**
- Massive aluminum radiator:
 - Added surface area to allow high heat dissipation
 - Brazing copper CPU waterblock:
 - Maximizes heat conductivity from heat source.
 - Apply to BTX and Intel P4 Socket 775, P4 Socket 478, AMD K8/AM2, AMD K7
 - Dual pump with 90L /hr flow rate:
 - Liquid flow rate is increased significantly by implementing dual pump design; furthermore, it provides intense yet quiet and smooth liquid circulation.
 - More silent with high performance Three 1400 RPM Ultra-Quiet 120mm fans(16dB),
 - Dissipate the ambient thermal generated from the heat source



Tribe VX PIN:CL-W0081

- Features:**
- 4 in 1 copper waterblock: Pure copper waterblock designed with brazing technology. Applies to both Intel LGA 775/P4 and AMD AM2/K8.
 - 24cm radiator: High performance radiator with dual 12 cm silent fans (1400 RPM/17dB).
 - Powerful black DC 12V liquid pump with 400L/h flow rate.
 - Quick Install Connectors: Saving your time to install devices conveniently.
 - Refill liquid reservoir: High capacity liquid

tank capable of holding 800c.c. of coolant for continuous usage. Easy to refill.
- Mesh design front and rear panel for maximum ventilation



Pure copper waterblock designed with brazing technology



Crescent-style aluminum handle



2 x 1400RPM fans with blue LED(17dB)



Giant 24 cm all aluminum radiator

Aqua RX Series-R1 PIN:CL-W0102 Memory Liquid Cooling Heatsink

- Features**
- Universal application for all memory modules. The standard size fits on all motherboards.
 - An artful Integration of Liquid cooling and air cooler
 - Aluminum heatsink dissipates the heat generated from the chipset more efficiently.
 - Copper tubing transfers the heat to the liquid cooling system immediately.
 - User-friendly **Quick Install Connectors** are simple to install and saves valuable time.



Aqua RX Series-R2 PIN:CL-W0092 UFO CPU Waterblock

- Features:**
- Dual **Heat-pipe** design allows for heat transfer higher than traditional air cooling solutions. Cooler running CPU means quieter, more stable, and longer lasting PC.
 - **Copper fins** provide more surface for heat dissipation that enhances the thermal efficiency
 - All-in-one mounting design supports all latest CPU from Intel & AMD. (Includes: Intel Socket LGA775 and AMD K8/AM2.)
 - Copper waterblock with blue LED acrylic cover illuminates your CPU.
 - User Friendly **Quick Install Connector** saves your time and easy to install.



Aqua T.M.G. Series - TMG1 PIN:CL-W0072

- Features**
- **DTT - Dimple Tube Technology** swirls the coolant within the radiator to increase thermal transfer.
 - **12cm Motorsports Radiator** an all-aluminum radiator featuring expanded outer fins and tube style for maximum performance.
 - **Low noise fan** 12cm silent fan(1300~2400 RPM).
 - User-friendly **Quick Install Connectors** are simple to install and saves valuable time.



P500 PUMP PIN:CL-W0132 With more power, comes with more performance

- Features:**
- Superior 12 Volts DC convenience: Plugs into the computer power supply
 - The high pressure capability of the P500 pump is particularly well-adapted to high flow systems using ID 6.4mm(1/4") and 9.5mm(3/8") tubing
 - DC 12V pump with 500L/h flow rate to dissipate the thermal quickly and smoothly
 - The pedestal can be secured onto the case with screws
 - The ceramic bearings significantly extend the life-expectancy of the pump
 - Modern appearance with a blue status light
 - 80,000 hours MTBF (Mean Time Between Failure)

Aqua T.M.G. Series - TMG1 PIN:CL-W0098

- Features**
- **DTT - Dimple Tube Technology** swirls the coolant within the radiator to increase thermal transfer.
 - **24cm Motorsports Radiator** an all-aluminum radiator featuring expanded outer fins and tube style for maximum performance.
 - **Low noise fan** Dual 12cm silent fan.
 - User-friendly **Quick Install Connectors** are simple to install and saves valuable time.



Want to talk to Thermaltake?



Tt Forum (<http://forum.thermaltake.com>)

Thermaltake has taken another big step in global marketing and open up the communication channel between users and Thermaltake by creating "Tt Forum". Users can fully utilize all the amenities to post, reply, and edit threads in Tt Forum, at the same time, directly express their comments on Thermaltake products, service, design...etc, these important comments will be the reference of future design and modification on Thermaltake products. There are also special areas for DIY users to share their product installation experiences and show off the modding they have done with their computer. Other than topics about products, users can obtain first hand information on industry news, new technology or upcoming Thermaltake activities through the "General Area". Users can also take a break in the "Gossip Zone" to get away from all the technology or product discussions, chat about any off topic subjects on sports, celebrities, fashion, pets ...etc. just about anything users can think of.



Blog Mozart TX (<http://blog.mozarttx.com>)

Thermaltake also created a special Blog dedicated to the newest chassis, the Mozart TX. Thermaltake will share comments from corporate perspective in the Blog, and users can learn about thoughts from Thermaltake staffs who participated in the project. Photos of Mozart TX from exhibition world wide can also be seen, and photos from Mozart TX owners definitely can be expected in the Blog as well. Users can admire what others have done with their Mozart TX, and design an even more creative concept themselves. Users can also reply with encouragement or comments to Thermaltake staff for what they have done with this extraordinary product.

Getting to Tt Forum and Blog Mozart TX is simple!

There are three ways to enter -

1. Go in from "www.mozarttx.com"
2. Type in "<http://forum.thermaltake.com>" or "<http://blog.mozarttx.com>"
3. Enter from icons in "www.thermaltake.com"

So, what are you waiting for?

Register now...don't be the last!

Cyclo Slot Fan PIN:A2426
Effectively exhaust heat build up inside

- Features:
- Improve air flow inside the case.
 - Built in 80mm high performance low noise DC FAN(2200RPM,21dBA).
 - Simple installation.
 - Classic translucent design with fantastic shining blue LED.

Cyclo HDD Fan
3.5" HDD Cooler

- Features:
- Built-in 80mm high performance/low noise DC FAN(2200RPM 21 dBA).
 - Classic translucent design with fantastic shining blue LED.
 - Simple installation.
 - Application for all standard 3.5" HDD (IDE, SCSI, SATA, SAS interface).
 - Lowers Hard Disk Drive operating temperature to achieve maximum performance, reliability and longer MTBF (Mean Time Between Failure)

PIN:A2427



HARDCANO 12 SE PIN:A2349
Extreme Control all your life

- Features:
- High-tech and modern molding.
 - Auto & Manual mode switch.
 - 4 sets of temperature probe.
 - 4 sets of alarm temperature setting.
 - Available for reading both fan speed and temperature at the same time.
 - To monitor and control 4 different component's fan speeds and temperature Intelligent cable sleeving.
 - Blue back light LCD display.
 - Precision Electronic Button Control.



HARDCANO 15 PIN:A2323
Liquid Cooling Detector

- Flow Rate - Water Level - Temperature - Operation Time
- Features:
- Indicate two set of liquid cooling system flowing rate. (English-Metric conversion).
 - Two set temperature detector. (English-Metric conversion).
 - Assign warning temperature value by user.
 - Water Level Indicator - will beep and display red alert when the coolant is below "low mark".
 - Seven color backlight LCD monitor.
 - Strongly recommend using HARDCANO15 with our P400 & P500 pump.



Tai-Chi M+ PIN:A2420
Wide-Screen Notebook Cooler

All Aluminum Space-saving Folding Design

- Features:
- Modernized black-silver aluminum extrusion pad.
 - Design for 12"~17" wide-screen Laptop.
 - Space-saving Folding design for easy storing.
 - Ergonomic wrist pad design for maximum comfort.
 - Adapter-free design; powered by notebook's USB port.
 - Two silent 7cm fans(1000RPM,14dBA) with on/off switch.
 - Retractable stationery tray.



iFlash Mini DC Fan PIN:A2345

Application for all Intel & AMD CPU

- Features:
- Modernized black-silver aluminum extrusion pad.
 - Design for 12"~17" wide-screen Laptop.
 - Space-saving Folding design for easy storing.
 - Ergonomic wrist pad design for maximum comfort.
 - Adapter-free design; powered by notebook's USB port.
 - Two silent 7cm fans(1000RPM,14dBA) with on/off switch.
 - Retractable stationery tray.



iFlash+ (12cm) PIN:A2445
Cool all your life! Cool all your eyes!!

- Features:
- 120x120x28 Fan (1900RPM, 25dBA).
 - Eight Red LED shining fantastic LOGO words.
 - Real-time environment temperature display.
 - Rotating and dancing "Thermaltake" Logo.



Tt, the Official Hardware Supplier of
WCG 2006 Grand Final Tournament PC



WCG (World Cyber Games) is the world's largest year-round gaming festival; and its annual Grand Final is described as the Olympics of cyber gaming world. In year 2006, over 700 finalists from 70 countries worldwide will be battling in Monza, Italy on 10/18~10/22 for the ultimate championship and try to be the No. 1 in cyber gaming world.

This year, Thermaltake is proud to be the official hardware supplier of the WCG 2006 Grand Final Tournament PC. The high quality Chassis, Cooler, and Power Supplies from Thermaltake were chosen by WCG to enhance the performance, stability, and thermal management of their tournament PC, in order to provide world's best gamers the premier competition equipment and environment.

These components will be used in the following 6 games and are recommended for the best performance. "StarCraft : Brood War" "WarCraft III : the Frozen Throne" "Counterstrike 1.6 : Half Life" "Warhammer 40,000 : Winter Assault" "FIFA Soccer 2006" and "Need for Speed : Most Wanted" As an official hardware supplier, Thermaltake will have an exhibition area at the Grand Final venue; we will be showing the most advanced technology and our newest products. We sincerely invite everyone to join this cyber gaming feast and visit Thermaltake booth for a look of what's new in the market.

Following are the Thermaltake components that have been chosen for the WCG 2006 Grand Final Official Tournament PC.

Official components



Swing P/N:VB6000BWS

- High efficiency ventilation: 12cm silent fan in rear
- Transparent side panel
- Tool - Free when installing 5.25" & 3.5" device
- Mirror coating front panel
- Stylish streamline form design
- Thumb-screws for easy opening side panel



Blue Orb II P/N:VB6000BWS

- Radian Crotched Fin for superior air flow
- Copper Core provides rapid heat transfer and in creased thermal conductivity
- Silent 12cm Blue LED Fan at 17dBA only
- 140 aluminum fins maximizes heat dissipation area



Toughpower 600W P/N:W0103

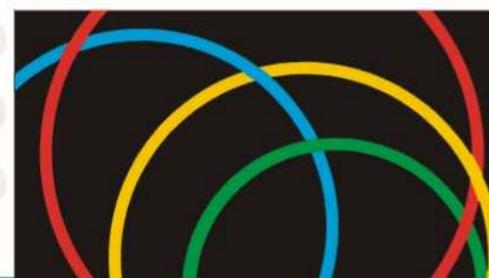
- 14cm ultra silent fan
- Four +12V rails for combined 48A
- Independent Voltage Circuit stabilizes voltage
- Active Power Factor Correction PF>0.99
- High efficiency up to 85%
- Superb voltage regulation at ±3%
- High reliability with MTBF>120,000 hours
- Complies with ATX 12V 2.2 & EPS 12V version



TR2 550W P/N:W0101

- 2 PCI-Express, 4 S-ATA, and 20+4 pin connector.
- Active Power Factor Correction
- 12cm low noise fan
- Power ON/OFF LED indicator
- Over Current/Voltage & Short-Circuit protections.
- Complies with ATX 12V 2.0 version.

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PIN : CL-P0281

Application for Intel Mobile Pentium M| Celeron M Solution

Intel Server Sossaman CPU

Features:

- All Aluminum extrusion heatsink.
- Back plate w/ spring screw
- Used for low-voltage CPU
- SC-102 provides good contact with heat source

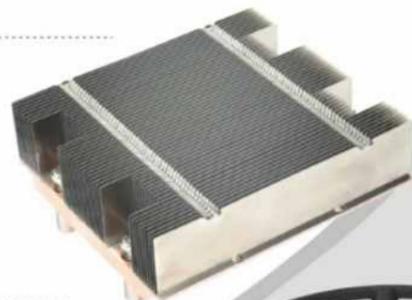


PIN: CL-P0389

Application for Intel Woodcrest 1U Passive Solution

FEATURES:

- Application for Intel Woodcrest 1U Passive Solution
- All Aluminum fin and base soldering Technology
- High density fins provide better heat dissipation.
- Dow Corning 5022 Interface material performs well



PIN : CL-P0336

Application for Intel Processor 65W LGA775-Conroe

FEATURES:

- Radiate fins(89fins),copper core, made good heat dissipation.
- The fourth fan pin has **PWM** (Pulse Width Modulation) an speed control function: decrease energy consumption, reduces acoustics noise and increase fan performance.
- **Push pin design**,require no tool to install.
- TIC-1000A perform well to facilitate heat transmission



Application for Intel BTX Type II Conroe 65W Solution

FEATURES:

- Application for Intel LGA775 BTX Conroe 65W Solution.
- All Aluminum radiated heat-sink.
- Powerful 70x70x38 mm fan provides better air cooling.The 4th pin of the fan connector has **PWM & Temp control function**.
- Solid installation with screw & spring.
- Dow Corning 5022 interface material, perform well.
- Noise Elimination Sponge absorbs the entering noise from the airflow.



PIN : CL-P0366

Application for Application for AMD Athlon 64 X2|Athlon 64 FX| Athlon 64(Socket AM2| 939/754) and Sempron (Socket AM2/754)

FEATURES:

- Heat-sink: Aluminum fins soldered to copper base
- Tool-less Cam Lever Clip is easy to install.
- Four heat-pipe provide better heat transmission.
- Dow Corning TC-5022 interface material, perform well



PIN : CL-P0314

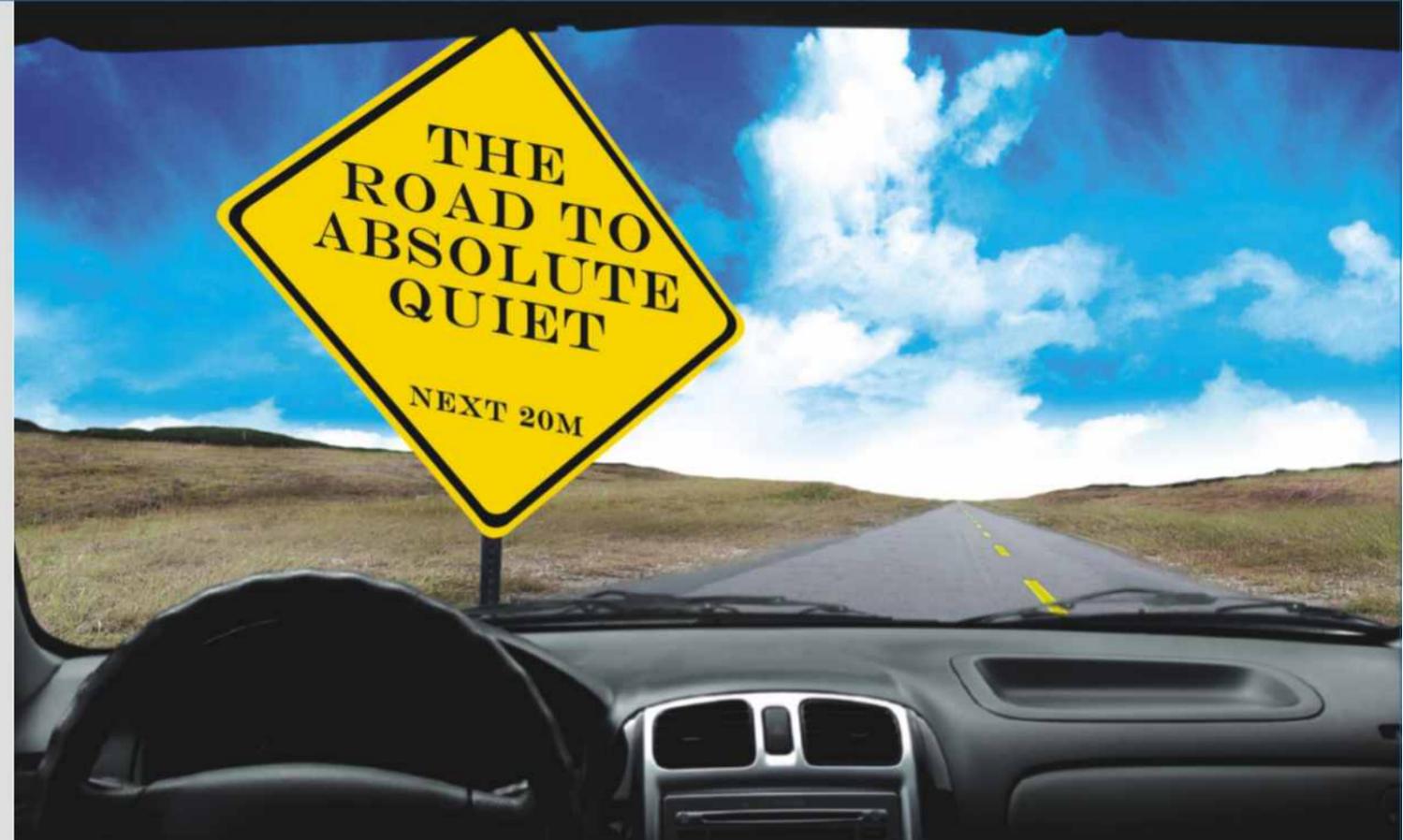
Application for AMD Opteron 2U Active - Socket F(Socket 1207)

Features:

- 4 Heatpipes, maximum heat transfer.
- Spring Screw design, easy to install.
- Dow Corning TC-5022, perform well.
- Bundle with Tt Socket F Metal back plate.



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~ Thermaltake Orb Series

the acme of
absolutely quiet
you can reach

