

NF3 250-AL

**System Board User's Manual
Carte Mère Manuel Pour Utilisateur
System-Platine Benutzerhandbuch
Manual del Usuario de Placas Base
Руководство Пользователя**

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Caution

To avoid damage to the system, use the correct AC input voltage range. To reduce the risk of electric shock, unplug the power cord before removing the system chassis cover for installation or servicing. After installation or servicing, cover the system chassis before plugging the power cord.
Battery: 1. Danger of explosion if battery incorrectly replaced. 2. Replace only with the same or equivalent type recommend by the manufacturer. 3. Dispose of used batteries according to the battery manufacturer's instructions.

Notice

The system board and accessories in the package may not come similar to the information stated in this manual. This may differ in accordance to the sales region or models in which it was sold. For more information about the standard package in your region, please contact your dealer or sales representative.

FCC and DOC Statement on Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

Notice:

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables must be used in order to comply with the emission limits.

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The user's manual in the provided CD contains detailed information about the system board. If, in some cases, some information doesn't match those shown in this manual, this manual should always be regarded as the most updated version.

Le manuel d'utilisateur dans le CD muni contient renseignement détaillé au sujet de carte de système. Si, en quelque cas, quelque renseignement n'appareille de ce que dit dans ce manuel, ce manuel doit toujours être considéré comme la plus nouvelle version.

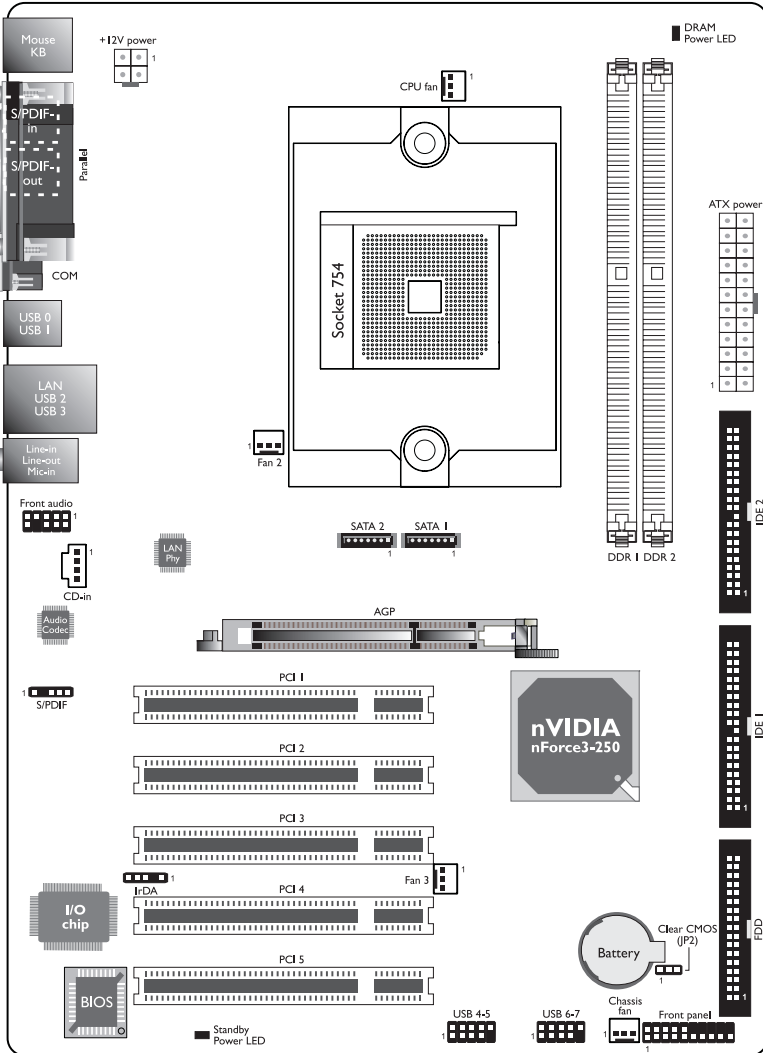
Das Benutzerhandbuch in der angebotenen CD enthält detaillierte Informationen über die Hauptplatine. Wenn in manchen Fällen manche Informationen nicht denjenigen Informationen dargestellt in diesem Handbuch entsprechen, soll dieses Handbuch als die meist aktualisierte Ausgabe gelten.

El uso explicativo contene información detalle sobre la sistema board en el CD preparativo. Si en algún caso, la información no es igual con el uso explicativo, necesita ver el uso explicativo, esque es más nuevo.

В руководстве пользователя на предоставляемом CD диске содержится подробная информация о материнской плате. Иногда напечатанное руководство может не совпадать руководством на CD, так как последнее наиболее часто обновляется и является самым свежим.

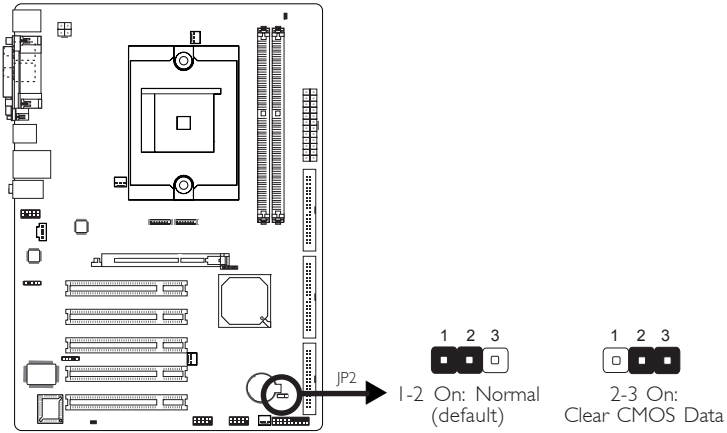
Chapter 1 - Quick Setup Guide

System Board Layout

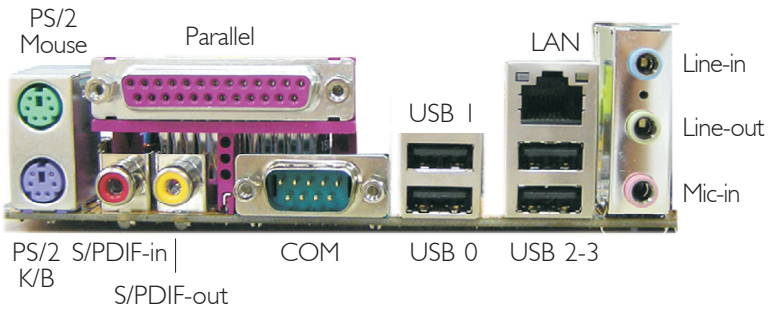


Jumpers

Clear CMOS Data

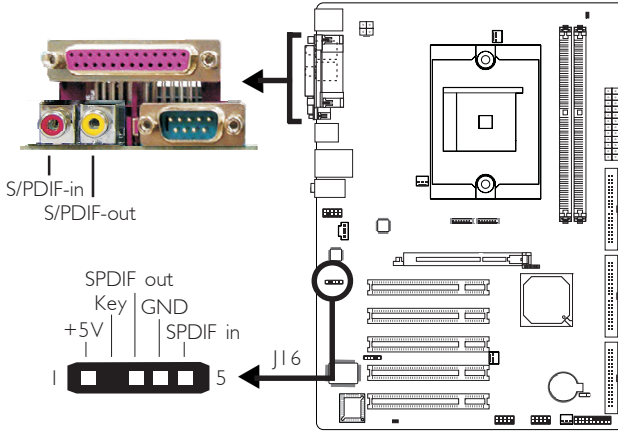


Rear Panel I/O Ports



I/O Connectors

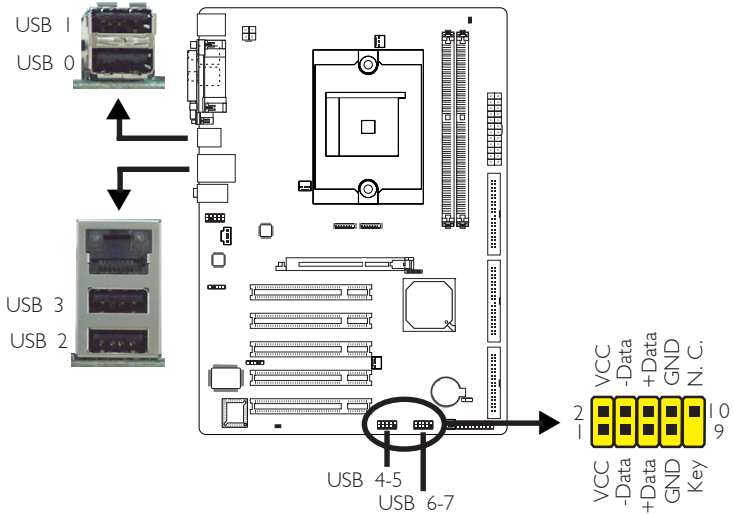
S/PDIF



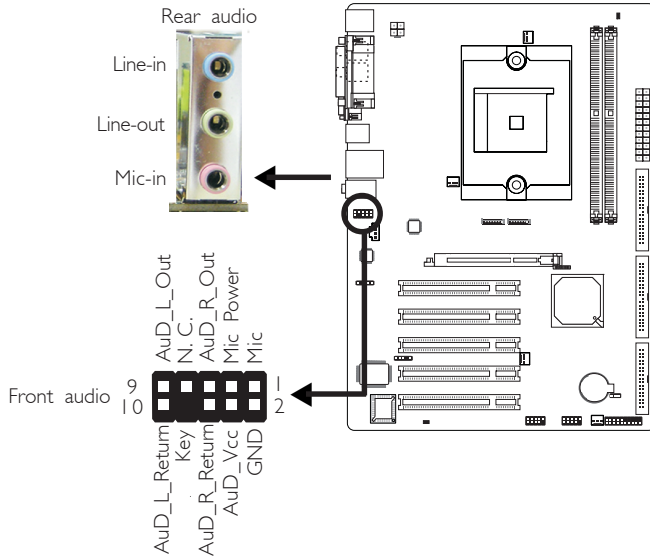
Note:

DO NOT use RCA S/PDIF and optical S/PDIF at the same time.

Universal Serial Bus Ports

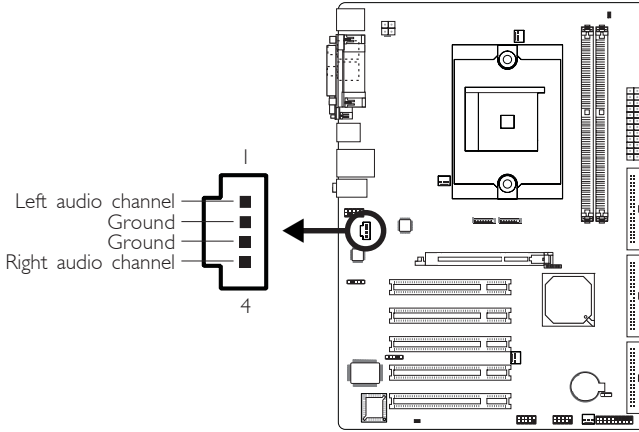


Audio (Rear Audio and Front Audio)

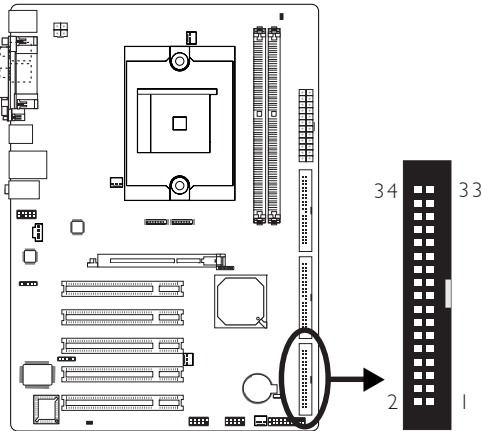


	2-channel	4-channel	6-channel
Light Blue	Line-in	Rear R/L	Rear R/L
Lime	Line-out	Front R/L	Front R/L
Pink	Mic-in	Mic-in	Center/Subwoofer

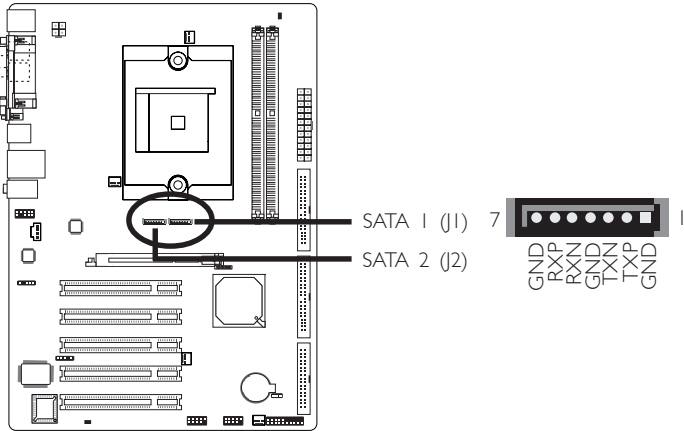
CD-in Internal Audio Connector



Floppy Disk Drive Connector



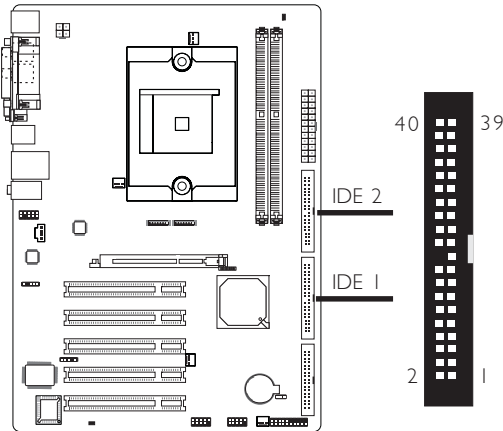
Serial ATA Connectors



Important:

Before creating RAID, make sure you have installed the Serial/Parallel ATA drives and connected the data cables otherwise you won't be able to enter the NVIDIA RAID BIOS utility.

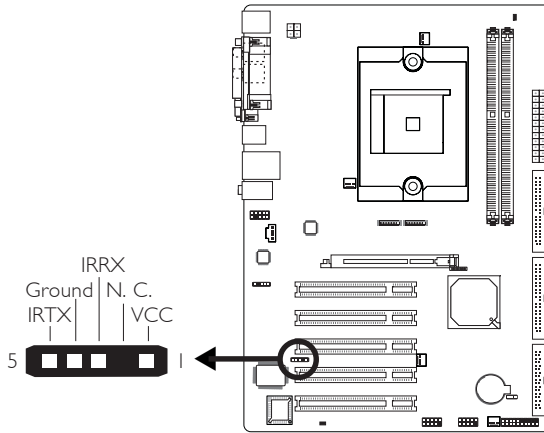
IDE Disk Drive Connector



Important:

Before creating RAID, make sure you have installed the Serial/Parallel ATA drives and connected the data cables otherwise you won't be able to enter the NVIDIA RAID BIOS utility.

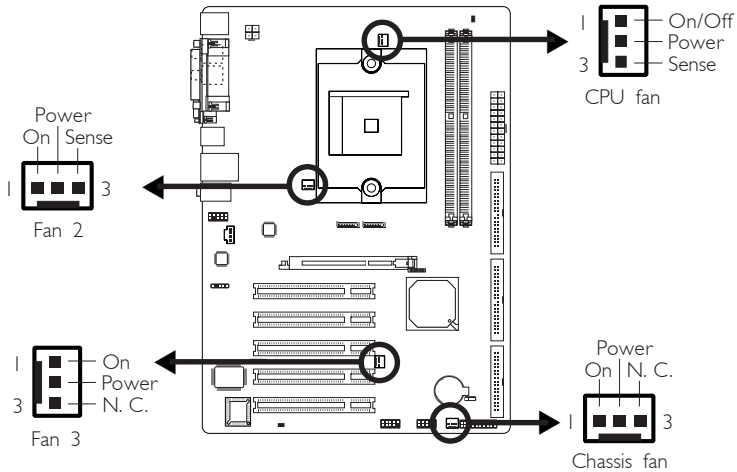
IrDA Connector



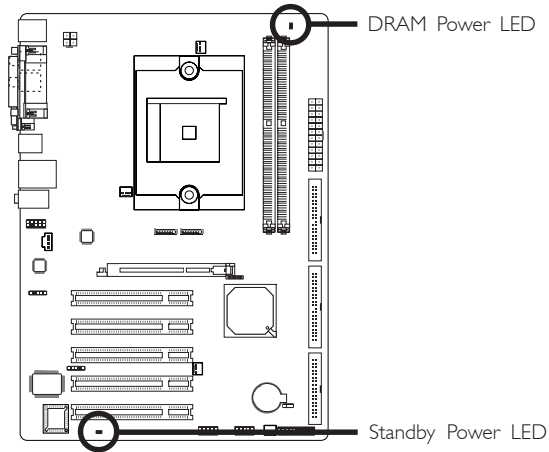
Note:

The sequence of the pin functions on some IR cable may be reversed from the pin function defined on the system board. Make sure to connect the cable connector to the IR connector according to their pin functions.

Cooling Fan Connectors



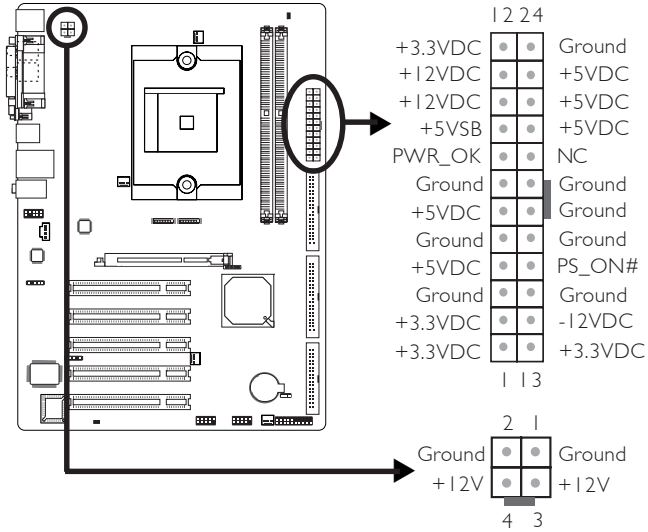
DRAM Power LED and Standby Power LED



Important:

If the DRAM Power LED or Standby Power LED is lighted, you must power-off the system then turn off the power supply's switch or unplug the power cord prior to installing any memory modules or add-in cards.

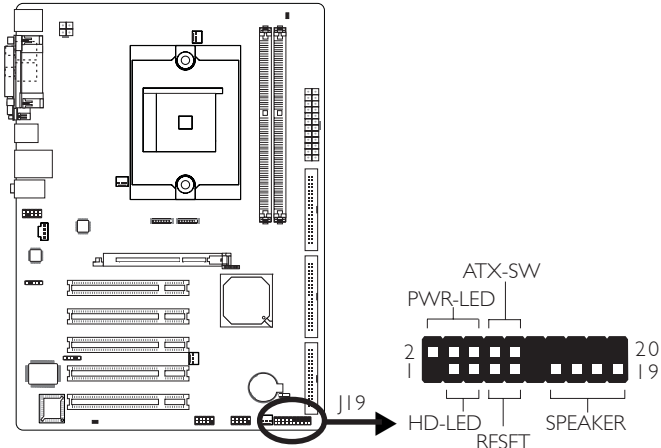
Power Connectors



Important:

To ensure that adequate power is provided, we strongly recommend that you use a minimum of 400 Watt (or greater) power supply.

Front Panel Connectors



	Pin	Pin Assignment
HD-LED (Primary/Secondary IDE LED)	3 5	HDD LED Power HDD
Reserved	14 16	N. C. N. C.
ATX-SW (ATX power switch)	8 10	PWRBT+ PWRBT-
Reserved	18 20	N. C. N. C.
RESET (Reset switch)	7 9	Ground H/W Reset
SPEAKER (Speaker connector)	13 15 17 19	Speaker Data N. C. Ground Speaker Power
PWR-LED (Power/Standby LED)	2 4 6	LED Power (+) LED Power (+) LED Power (-) or Standby Signal

Chapter 2 - English

Features and Specifications

Processor

- AMD Athlon™ 64 / Sempron™
- 1600MT/s HyperTransport interface
- Socket 754

Chipset

- NVIDIA nForce3 250

System Memory

- Two 184-pin DDR DIMM sockets
- Up to 2GB system memory
- Supports PC2100 (DDR266), PC2700 (DDR333) and PC3200 (DDR400) DDR SDRAM DIMM
- Supports single channel (64-bit wide) memory interface
- Supports non-ECC x8 and x16 DIMMs
- Supports up to 512Mb DRAM densities
- Supports unbuffered DIMMs

BIOS

- Award BIOS
- 4Mbit flash memory
- AMD Cool'n'Quiet™ technology

Energy Efficient Design

- Supports ACPI specification and OS Directed Power Management
- Supports ACPI STR (Suspend to RAM) function
- Wake-On-Events include:
 - Wake-On-PS/2 Keyboard/Mouse
 - Wake-On-LAN
 - Wake-On-Ring
 - RTC timer to power-on the system
- AC power failure recovery

Hardware Monitor

- Monitors CPU/system temperature and overheat alarm
- Monitors VCC3/5V/12V/5Vsb/Vbat voltages
- Monitors the speed of the CPU/system fan
- CPU Overheat Protection function monitors CPU temperature and fan during system boot-up - automatic shutdown upon system overheat

Onboard Audio Features

- Realtek 6-channel audio CODEC
- True stereo line level outputs
- S/PDIF-in/out interface

Onboard LAN Features

- Realtek RTL8201BL LAN Phy
- Fully compliant to IEEE 802.3 (10BASE-T) and 802.3u (100BASE-TX) standards

Serial ATA Interface with NVIDIA RAID

- Supports two SATA (Serial ATA) interfaces which are compliant with SATA 1.0 specification (1.5Gbps interface)
- NVIDIA RAID allows RAID arrays spanning across Serial ATA and Parallel ATA
- RAID 0, RAID 1, RAID 0+1 and JBOD

IDE Interface with NVIDIA RAID

- Supports two IDE connectors that allow connecting up to four UltraDMA 133Mbps hard drives
- NVIDIA RAID allows RAID arrays spanning across Serial ATA and Parallel ATA
- RAID 0, RAID 1, RAID 0+1 and JBOD

Accelerated Graphics Port (A.G.P.)

- Supports AGP 8x up to 2132MB/sec. and AGP 4x up to 1066MB/sec. bandwidth for 3D graphics applications
- Supports 0.8/1.5V add-in cards

Rear Panel I/O Ports

- 1 mini-DIN-6 PS/2 mouse port
- 1 mini-DIN-6 PS/2 keyboard port
- 1 DB-25 parallel port
- 2 S/PDIF RCA jacks (S/PDIF-in and S/PDIF-out)
- 1 DB-9 serial port
- 1 RJ45 LAN port
- 4 USB 2.0/1.1 ports
- Line-in, line-out and mic-in jacks

I/O Connectors

- 2 connectors for 4 additional external USB 2.0/1.1 ports
- 1 front audio connector for external line-out and mic-in jacks
- 1 CD-in internal audio connector
- 1 S/PDIF connector
- 1 IrDA connector
- 2 Serial ATA connectors
- 2 IDE connectors
- 1 floppy connector
- 1 24-pin ATX power connector
- 1 4-pin ATX 12V power connector
- 1 front panel connector
- 4 fan connectors

Expansion Slots

- 1 AGP 8x slot
- 5 PCI slots

PCB

- ATX form factor
- 30.5cm (12") x 22cm (8.66")

Package Checklist

The system board package contains the following items:

- The system board
- One IDE cable
- One FDD cable
- One Serial ATA data cable
- One Serial ATA power cable
- One I/O shield
- One “nVRAID Driver” diskette
- One “Mainboard Utility” CD
- A user’s manual

If any of these items are missing or damaged, please contact your dealer or sales representative for assistance.

Chapter 3 - Français

Caractéristiques et Spécifications

Processeur

- AMD Athlon™ 64 / Sempron™
- Interface HyperTransport 1600MT/s
- Socket 754

Chipset

- NVIDIA nForce3 250

Mémoire Système

- 2 sockets DDR SDRAM DIMM 184 broches
- Supporte jusqu'à 2GB de mémoire
- Supporte DDR SDRAM DIMM PC2100 (DDR266), PC2700 (DDR333) et PC3200 (DDR400)
- Interface de mémoire à seul canal (64-bit) soutenue
- Supporte exclusivement les modules DIMM non-ECC x8 et x16
- Supporte une densité de RAM jusqu'à 512Mb
- Supporte les DIMM non-tamponnés

BIOS

- Compatible avec Award BIOS
- Mémoire Flash 4Mbit
- AMD Cool'n'Quiet™ technologie

Design à Haut Rendement Énergétique

- ACPI STR (Suspend to RAM) fonction
- Réveil-Sur-PS/2 Clavier/Souris
- Eveil Sonnerie et Réveil Par Le Réseau
- Minuterie RTC pour allumer le système
- Récupération après Défaillance d'Alimentation CA

System Health Monitor Fonctions

- Gère l'alarme de température et de surchauffe de CPU/système
- Gère l'alarme de voltage et d'échec de VCC3/5V/12V/5Vsb/Vbat
- Gère la vitesse de ventilateur du ventilateurs
- Protection du CPU - supporte la mise hors circuit automatique en cas de surchauffage du système

Caractéristiques Audio sur Carte

- Realtek 6-canaux audio CODEC
- Sorties de niveau de lignes stéréo vraies
- Interface entrée/sortie S/PDIF

Fonctionnalités Onboard LAN

- Realtek RTL8201BL LAN Phy
- Supporte IEEE 802.3 (10BASE-T) et 802.3u (100BASE-TX)

Interface Série ATA avec NVIDIA RAID

- Deux interfaces Serial ATA à la vitesse de 1.5Gbps
- NVIDIA RAID supporte l'archivage RAID sur les disques Serial ATA et Parallel ATA
- RAID 0, RAID 1, RAID 0+1 et JBOD

Interface IDE avec NVIDIA RAID

- Deux connecteurs IDE permettant de connecter jusqu'à quatre disques durs UltraDMA 133Mbps.
- NVIDIA RAID permet des ensembles RAID sur toute l'étendue du port de série ATA et du parallèle ATA
- RAID 0, RAID 1, RAID 0+1 et JBOD

AGP (Accelerated Graphics Port)

- Supporte 8x AGP avec une bande passante allant jusqu'à 2133Mo/sec et 4x AGP avec une bande passante allant jusqu'à 1066Mo/sec pour les applications graphiques 3D
- Supporte des cartes supplémentaires 0.8/1.5V

Le Panneau des Ports Entrée/Sortie en Arrière

- 1 port souris PS/2
- 1 port clavier PS/2
- 1 port parallèle DB-25
- 2 S/PDIF RCA prises (S/PDIF-in et S/PDIF-out)
- 1 port de DB-9 série
- 1 port RJ45 LAN
- 4 ports USB 2.0/1.1
- Line-in, line-out et mic-in prises audio

Connecteurs Entrée/Sortie

- 2 connecteurs pour 4 ports USB 2.0/1.1 supplémentaires
- 1 connecteur audio frontal pour les jacks de sortie externe et d'entrée micro
- 1 connecteur CD-in audio internes
- 1 S/PDIF l'assemblage pour l'adjonction de câble optique
- 1 connecteur IR
- 2 connecteurs IDE
- 1 connecteur de FDD
- 2 connecteurs Serial ATA
- 1 connecteur d'alimentation 24-pin ATX
- 1 connecteur d'alimentation 4-pin 12V ATX
- 1 connecteur devant panneau
- 4 connecteurs de ventilateurs

Logements d'Extension

- 1 slot AGP 8x
- 5 slots PCI

PCB

- ATX
- 30,5cm (12") x 22cm (8.66")

Liste de Vérification de l'Emballage

L'emballage de la carte système contient les éléments suivants:

- 1 carte système
- 1 câble IDE
- 1 câble FDD
- 1 câble SATA
- 1 câble d'alimentation SATA
- 1 shield I/O
- 1 disquette "nVRAID Driver"
- 1 CD "Mainboard Utility"
- 1 manuel utilisateur

Si l'un de ces éléments n'était pas dans l'emballage ou s'il était endommagé, veuillez contacter votre revendeur ou votre représentant.

Chapter 4 - Deutsch

Leistungsmerkmale und Technische Daten

Prozessor

- AMD Athlon™ 64 / Sempron™
- Interface HyperTransport 1600MT/s
- Socket 754

Chipset

- NVIDIA nForce3 250

Systemspeicher

- 2 DDR-SDRAM-DIMM- Fassungen mit 184poligem Anschlußstecker
- Unterhält bis zum 2GB-Systemspeicher
- Unterstützt DDR SDRAM DIMM PC2100 (DDR266), PC2700 (DDR333) und PC3200 (DDR400)
- Unterstützt das Einkanal- (64-Bits) Interface des Speichers
- Unterhält nur non-ECC x8 und x16 DIMMs
- Unterhält bis zum 512Mb DRAM
- Unterhält DIMMs ohne Dämpfer

BIOS

- Kompatibilität mit Award BIOS
- Flash-Speicher (4Mbit)
- AMD Cool'n'Quiet™ technologie

Energomisches Design

- ACPI STR (Suspend to RAM) funktion
- Wecken bei Betätigung der PS/2 Tastatur/Maus
- Wecken bei Klingeln
- Wecken des Systems durch das Netzwerk
- RTC-Taktgeber zum Einschalten des Systems
- Wiederherstellung der Wechselstromversorgung nach einem Ausfall

System Health Monitor Funktions

- Überwachung der Temperatur des CPU/Systems sowie Warnsignal bei Überhitzung
- Überwachung der Spannungen des VCC3/5V/12V/5Vsb/Vbat

- Überwachung der Geschwindigkeit des Ventilators
- Prozessor-Shutz - Die Ausschaltung bei der Überhitzung – die automatische Ausschaltung des Computers bei der Überhitzung

Audiomerkmale auf Platine

- Realtek 6-Kanal-Audio-CODEC
- Naturgetreue Stereo-Leitungspegel-Ausgabe
- S/PDIF-In/Aus-Schnittstelle

Merkmale des LAN auf Platine

- Realtek RTL8201BL LAN Phy
- Unterstützt IEEE 802.3 (10BASE-T) und 802.3u (100BASE-TX)

Serielle ATA-Schnittstelle mit NVIDIA RAID

- Zwei Interfaces Serial ATA mit der Geschwindigkeit von bis 1.5Gbps
- NVIDIA RAID unterstützt Serial ATA è Parallel ATA
- RAID 0, RAID 1, RAID 0+1 è JBOD

IDE-Schnittstelle mit NVIDIA RAID

- Zwei IDE-Schnittstellen, an denen bis zu vier UltraDMA 133Mbps Festplatten angeschlossen werden können.
- NVIDIA RAID ermöglicht, dass die RAID-Arrays sowohl serielle als auch parallele ATA-Schnittstellen umfassen.
- RAID 0, RAID 1, RAID 0+1 und JBOD

AGP (Accelerated Graphics Port)

- Für die 3D-Grafikanwendungen unterstützt die universelle AGP-Steckfassung einen AGP 8x mit einer Bandweite von bis zu 2133MB/Sek. sowie einen AGP 4x mit einer Bandweite von bis zu 1066MB/Sek.
- Unterstützung von 0.8/1.5V-Karten

Ein-/Ausgabe-Porte an der Rückwand

- 1 Mini-DIN-6-Anschluß für eine PS/2-Maus
- 1 Mini-DIN-6-Anschluß für eine PS/2-Tastatur
- 1 DB-25-Parallelanschluß
- 2 S/PDIF RCA-Anschlüsse (S/PDIF-in und S/PDIF-out)
- 1 serieller DB-9-Anschlüsse
- 1 RJ45 LAN-Anschlüsse
- 4 USB 2.0/1.1-Anschlüsse
- Line-in, line-out und mic-in Audio-Anschlußbuchsen

Ein-/Ausgabe-Steckverbinder

- 2 Anschlußfassung für 4 zusätzliche externe USB 2.0/1.1-Anschlüsse
- 1 Front-Audioanschluss für externe Mikrofon-Ein- und –Ausgänge
- 1 CD-in interne Audioanschlüsse
- 1 S/PDIF Anschluß für die Verbindung des optischen Kabel
- 1 Anschluß für die IR-Schnittstelle
- 2 Serial ATA-Anschlüsse
- 2 IDE-Anschlüsse
- 1 Floppy-Anschlüsse
- 1 24-polige Anschlußstecker für das ATX-Netzgerät
- 1 4-polige 12V Anschlußstecker für das ATX-Netzgerät
- 1 Vorderseite Füllung Anschlüsse
- 4-ventilator-Anschlüsse

Erweiterungssteckfassungen

- 1 AGP 8x-Einbauplätzen
- 5 PCI-Einbauplätzen

Die Druckplatte

- ATX
- 30,5cm (12") x 22cm (8,66")

Verpackungsliste

In der Verpackung der Systemplatine sind folgende Artikel enthalten:

- 1 Systemplatine
- 1 IDE-Kabel
- 1 FDD-Kabel
- 1 SATA-Kabel
- 1 SATA-Energiekabel-Kabel
- 1 I/O-Schutzlatte
- 1 Diskette "nVRAID Driver"
- 1 CD mit "Mainboard Utility"
- 1 Benutzerhandbuch

Fehlt einer dieser Artikel oder weist einer dieser Artikel Beschädigungen auf, wenden Sie sich an Ihren Händler oder Vertreter:

Chapter 5 - Español

Características y Especificaciones

Procesador

- AMD Athlon™ 64 / Sempron™
- Interface de HyperTransport 1600MT/s
- Socket 754

Chipset

- NVIDIA nForce3 250

Memoria de Sistema

- 2 zocalos 184-pin DDR SDRAM DIMM
- Soporta hasta 2 GB de memoria sistémica
- Soporta PC2100 (DDR266), PC2700 (DDR333) y PC3200 (DDR400)
- Soporta interface monocanal (64-bit) de memoria
- Soporta sólo non-ECC x8 y x16 DIMM
- Apoyo hasta 512 Mb DRAM
- Soporta unbuffered DIMM

BIOS

- Award BIOS
- Memoria Instante (4Mbitios)
- AMD Cool'n'Quiet™ tecnología

Diseño Energía Eficiente

- ACPI STR (Suspend to RAM) función
- PS/2 Teclado/Ratón de Wake-On
- Wake-On-Ring
- Wake-On-LAN
- Temporizador de RTC para encender el sistema
- Recuperación de Fracaso de Energía AC

Funciones de Monitor de Salud del Sistema

- Monitores de los CPU/sistema temperaturas y alarma acalorada.
- Monitores de voltajes de VCC3/5V/12V/5Vsb/Vbat
- Vigila la velocidad del abanico
- Protección del procesador - Desconexión en caso de recalentamiento –el ordenador se desconecta automáticamente en caso de recalentamiento

Características de Audio En Tablero

- Realtek Audio CODEC de 6-canal
- Auténtico salidas de nivel de línea estéreo
- Interfáz de S/PDIF-in/out

Características de LAN Interno

- Realtek RTL8201BL LAN Phy
- Soporta IEEE 802.3 (10BASE-T) y 802.3u (100BASE-TX)

Interfaz en Serie ATA con NVIDIA RAID

- Dos interfaces Serial ATA con una velocidad de hasta 1.5Gbps
- El RAID NVIDIA soporta la utilización combinada de Serial ATA y Parallel ATA
- RAID 0, RAID 1, RAID 0+1 y JBOD

Interfaz IDE con NVIDIA RAID

- Soporta dos conectores IDE que permiten que llegue a 4 UltraDMA 133Mbps para el disco duro
- NVIDIA RAID permite RAID órdenes atravesando Serial ATA y Parallel ATA
- RAID 0, RAID 1, RAID 0+1 y JBOD

AGP (Accelerated Graphics Port)

- Soporta AGP 8x con 2133MB/sec. y AGP 4x con 1066MB/sec. para las tarjetas 3D
- Soporta tarjetas de expansion de 0.8/1.5V

Panel de reverso de conectores de entrada - Salida

- 1 puerto de ratón PS/2 mini-DIN-6
- 1 puerto de teclado mini-DIN-6 PS/2
- 1 puerto paralelo de DB-25
- 2 enchufes de S/PDIF RCA (S/PDIF-in y S/PDIF-out)
- 1 puerto de serie DB-9
- 1 puerto de RJ45 LAN
- 4 puertos de USB 2.0/1.1
- Line-in, line-out y mic-in enchufes de audio

I/O Conectores

- 2 conector para 4 puertos de USB 2.0/1.1 externo adicional
- 1 conector de sonido delantera por linea externay micrófono interno
- 1 conector de CD-in audio interno

- 1 S/PDIF mortaja para conexión de cable óptico
- 1 conector de IR
- 2 conectores de Serial ATA
- 2 conector de IDE
- 1 conector de FDD
- 1 conector 24-pin de fuente de alimentación de ATX
- 1 conector 4-pin 12V de fuente de alimentación de ATX
- 1 conector de panel delante
- 4 conectores de abanicos

Ranuras de Expansión

- 1 slot AGP 8x
- 5 slots PCI

La Placa Imprenta

- ATX
- 30.5cm (12") x 22cm (8.66")

Lista de Chequeo del Paquete

El paquete del tablero de sistema contiene los siguientes artículos:

- 1 tablero de sistema
- 1 cable para IDE
- 1 cable para FDD
- 1 cable SATA
- 1 cable de alimentación SATA
- 1 chapa protectora I/O
- 1 disquette flojo "NVRAID Driver"
- 1 CD de "Mainboard Utility"
- 1 manual de usuario

Si cualquiera de estos artículos están perdidos o dañados, favor de ponerse en contacto con su tratante o representantes de venta para la asistencia.

Глава 6 - Русский язык

Характеристики и свойства

Процессор

- AMD Athlon™ 64 / Sempron™
- Интерфейс системной шины 1600MT/s
- Socket 754

Чипсет

- NVIDIA nForce3 250

Оперативная Память

- 2 184-pin DDR SDRAM DIMM
- Поддерживает до 2ГБ системной памяти
- Поддерживает PC2100 (DDR266), PC2700 (DDR333) и PC3200 (DDR400) DDR SDRAM DIMM
- Поддерживает одноканальный (64-битный) интерфейс памяти
- Поддерживает только non-ECC x8 и x16 DIMM
- Поддержка до 512Мб DRAM
- Поддерживает небуфф. DIMM

BIOS

- Award BIOS
- 4Mbit Flash Память
- AMD Cool'n'Quiet™ технологией

Энергомичный Дизайн

- ACPI STR (Suspend to RAM)
- Активизация На Движение Мыши
- Активизация На Входящий Звонок
- Активизация На Сетевое Событие
- RTC Таймер для Включения Системы
- Скачки Напряжения

Функции Мониторинга Состояния Системы

- Мониторинг температуры процессора/системы
- Мониторинг напряжений VCC3/5V/12V/5Vsb/Vbat
- Мониторинг скорости вращения вентилятора

- Защита процессора - Выключение при перегреве – автоматическое выключение компьютера при перегреве

Встроенный Звук

- Realtek 6-и CODEC
- Настоящий линейный стерео выход
- интерфейса S/PDIF-in и S/PDIF-out

Встроенные сетевые функции

- Realtek RTL8201BL LAN Phy
- Поддержка IEEE 802.3 (10BASE-T) и 802.3u (100BASE-TX)

Интерфейс Serial ATA с NVIDIA RAID

- Два порта Serial ATA со скоростью до 1.5Gbps
- NVIDIA RAID поддерживает Serial ATA и Parallel ATA
- RAID 0, RAID 1, RAID 0+1 и JBOD

Интерфейс IDE с NVIDIA RAID

- Поддерживает жесткие диски до UltraDMA 133Mbps
- NVIDIA RAID позволяет создавать массивы RAID через Serial ATA и Parallel ATA
- RAID 0, RAID 1, RAID 0+1 и JBOD

AGP (Accelerated Graphics Port)

- Универсальный AGP слот поддерживает AGP 8x со скоростью передачи данных 2133MB/сек и AGP 4x с 1066MB/сек в 3D графических приложениях
- Поддержка карт 0.8/1.5V

Порты Ввода/Вывода (I/O) задней панели

- 1 мини-DIN-6 PS/2 порт для мыши
- 1 мини-DIN-6 PS/2 порт для клавиатуры
- 1 DB-25 параллельный порт
- 2 S/PDIF RCA звука (S/PDIF-in и S/PDIF-out)
- 1 внешнего DB-9 порта
- 1 RJ45 LAN порт
- 4 USB 2.0/1.1 порта
- Line-in, line-out и mic-in гнезда для звука

Разъемы Ввода/Вывода

- 2 разъем для 4-х дополнительных внешних USB 2.0/1.1 портов
- 1 фронтальный аудио-разъем для внешнего линейного и микрофонного выходов
- 1 CD-in внутренних звуковых разъема
- 1 S/PDIF разъем для присоединения оптического кабеля
- 1 разъем для интерфейса IR
- 2 Serial ATA разъема
- 2 IDE разъема
- 1 разъем FDD
- 1 24-штырьковых разъемов питания ATX
- 1 4-штырьковых 12V разъемов питания ATX
- 1 Фронт панель разъем
- 4 Разъемы для вентилятора

Слоты

- 1 AGP 8x слотов
- 5 PCI слотов

Печатная плата

- ATX
- 30.5cm (12") x 22cm (8.66")

Комплектация

Комплектация поставки материнской платы:

- Материнская плата
- 1 кабель IDE
- 1 кабель FDD
- 1 шлейф Serial ATA
- 1 шлейф шнуром питания Serial ATA
- Одна защитная планка I/O
- Одна дискета "NVRaid Driver"
- Один CD с "Mainboard Utility"
- Руководство пользователя

Если в комплекте из этого чего-то не хватает или что-то испорчено, пожалуйста, свяжитесь со своим дилером или продавцом.