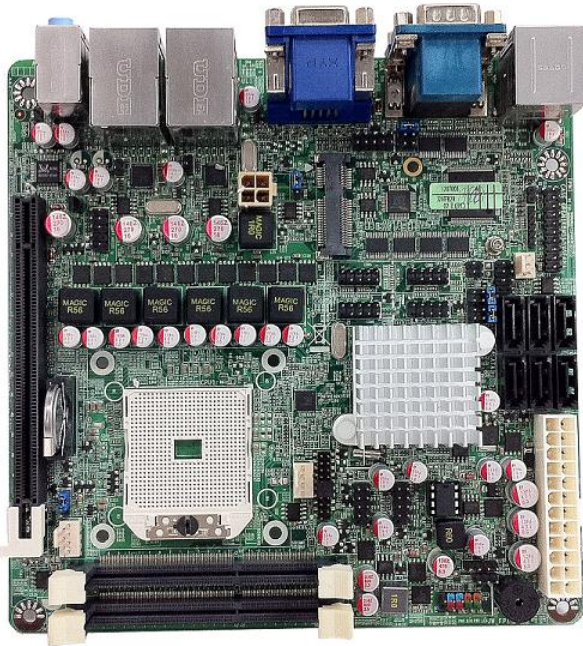


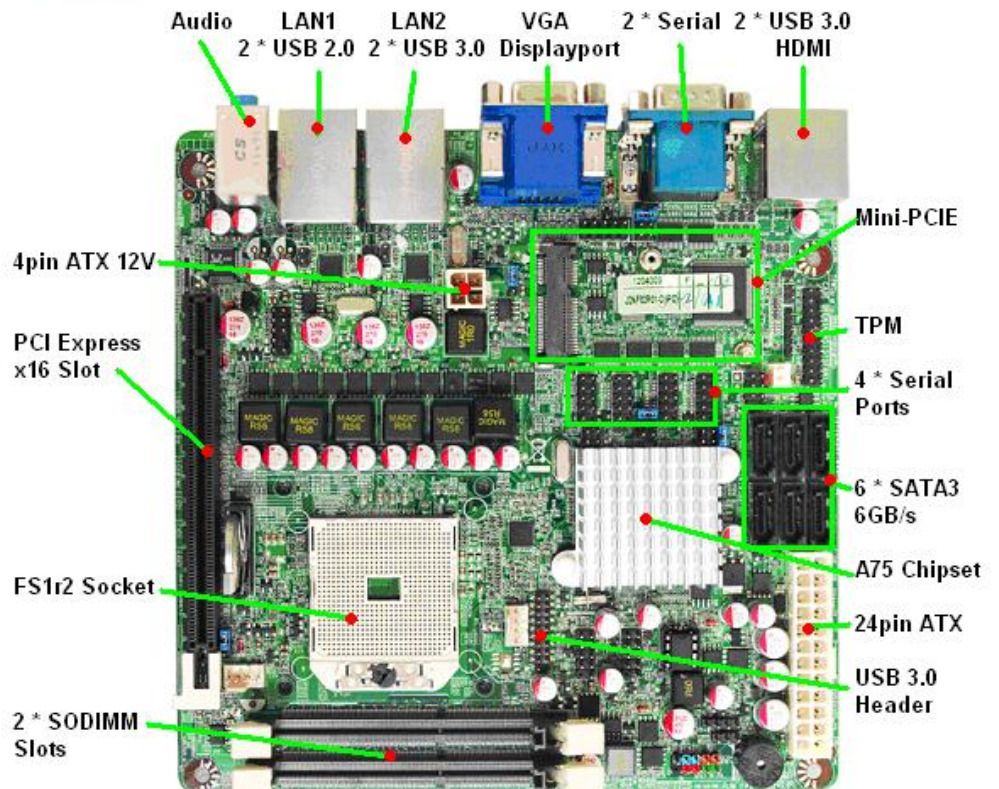
NF82

AMD eTrinity Mini-ITX / R-Series APU 2Giga LAN / 6COM / 6SATA3 / 12USB



Features

1. Embedded Long-life Series, 5 Year Availability
2. AMD eTrinity Platform, AMD A75 Chipset
3. Supports Socket FS1r2 AMD R-Series APU (35W)
4. Discrete-class AMD Radeon™ HD 7000G Series graphics
5. Supports up to 3 independent displays or a single large surface with AMD Eyefinity technology. Even more with the addition of a discrete graphics card.
6. DisplayPort, HDMI, VGA Video Outputs
7. 2 * DDR3-1600 SO-DIMM up to 16GB
8. 6 * SATA3 6Gb/s supporting RAID 0, 1, 10
9. 4 * USB 3.0 (2-Ext, 2-Int), 8 * USB 2.0 (4-Ext, 4-Int)
10. Dual Gigabit LAN, 6 * Serial Ports, 6-CH HD Audio
11. PCI Express 2.0 x16, PCI Express Mini Card Slot
12. Watchdog Timer, TPM Header, 8bit GPIO
13. Mini-ITX Form Factor (170mm x 170mm)



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NF82 Specifications

CPU	<ul style="list-style-type: none"> Supports AMD R-Series APU, Socket FS1r2, 35W R-464L, R-460H, R-272F, R-268D (APU not included)
Chipset	<ul style="list-style-type: none"> AMD A75 Chipset (Hudson D3)
Video	<ul style="list-style-type: none"> Integrated AMD Radeon HD 7000G Series Graphics in APU (See APU specs for details)
Memory	<ul style="list-style-type: none"> 2 * 204-pin DDR3-1600 Dual Channel SO-DIMM up to 16GB
Expansion Slots	<ul style="list-style-type: none"> 1 * PCI Express 2.0 x16 Slot 1 * PCI Express Mini Card Slot (full-size)
Storage	<ul style="list-style-type: none"> 6 * SATA3 6Gb/s ports supporting RAID 0, 1, 10
Audio	<ul style="list-style-type: none"> Realtek ALC662 5.1 Channel Audio
Network	<ul style="list-style-type: none"> 2 * Realtek RTL8111EVL PCI-E Gigabit LAN with Enhanced Surge Protection
Serial	<ul style="list-style-type: none"> 6 * RS232 Serial Ports Total (2-External, 4-Internal)
USB	<ul style="list-style-type: none"> 12 Total: 4 * USB 3.0, 8 * USB 2.0
Other Features	<ul style="list-style-type: none"> Support ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	<ul style="list-style-type: none"> 2 * USB 3.0 Ports 4 * USB 2.0 Ports 1 * DisplayPort 1 * HDMI 1 * VGA Port 2 * Serial Ports (RS232) 2 * RJ-45 Ports 3 * Audio Ports (Line-in, MIC, Line-out)
Internal I/O	<ul style="list-style-type: none"> 1 * USB Headers for 2 * USB 3.0 Ports 2 * USB Headers for 4 * USB 2.0 Ports 4 * Serial Headers (3 * RS232, 1 * RS232/422/485) 1 * TPM 1.2 Header 1 * 8bit GPIO, 1 * CIR Header 1 * Chassis Intrusion Header 1 * PS/2 Keyboard/Mouse Combo Header 1 * 24-pin ATX Power Connector & 4-pin 12V ATX Connector Front Panel Headers
BIOS	<ul style="list-style-type: none"> AMI EFI 64MB DIP Flash ROM
Box Contents	<ul style="list-style-type: none"> NF82 Motherboard, SATA Cables, RS232 Cable, Manual, DVD Driver Disk, I/O Shield, Low-Profile CPU Heatsink & Fan
Compliance	<ul style="list-style-type: none"> CE, FCC, RoHS, ErP
Temperature	<ul style="list-style-type: none"> Operating Temperature 0~50 °C Storage Temperature -20~85 °C
Form Factor	<ul style="list-style-type: none"> Mini-ITX Form Factor (170mm x 170mm)
Warranty	<ul style="list-style-type: none"> 2 Years Limited Warranty

*Specifications subject to change without notice, not responsible for typographical errors.



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