

# Intel Powered Digital Home Entertainment Solutions

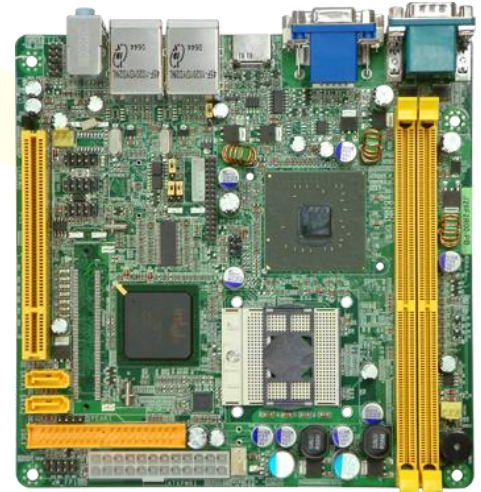


## J9F2-KHDE Mini-ITX Motherboard Series

*MoDT (Mobile desktop replacement)*

### Overview

- Supports Intel Core 2 Duo Mobile processor
- Supports up to 667 MHz FSB
- Supports Dual Gigabit Ethernet LAN
- Supports 2 Serial ATA2 Devices
- Supports 1080p HDTV at 1920 x 1080
- Supports HDCP
- UXGA up to 1600 x 1200
- Dual Channel DDR2 expandable up to 2 GB
- 6 Channel HD Audio CODEC
- Up to 224 MB shared video memory
- HDMI equipped
- Firewire equipped
- Fan throttling to reduce noise
- High Definition Hardware Motion Compensation to support high definition hi-bitrate MPEG2 media playback



CPU Temperature	CPU Fan utilization
Temp < 45 C	6%
45 C < Temp < 55 C	12%
55 C < Temp < 65 C	50%
65 C < Temp < 75 C	70%
75 C < Temp	100%

System Temperature	System Fan utilization
Temp < 20 C	30%
20 C < Temp < 30 C	50%
30 C < Temp < 40 C	70%
40 C < Temp < 50 C	80%
50 C < Temp	100%

### Specifications

<b>Form Factor</b>	Mini-ITX 170 mm x 170 mm
<b>CPU</b>	Supports Intel Core 2 Duo / Core Duo / Core Solo Mobile Supports Low Voltage Edition Socket type: 479 Socket M
<b>Memory</b>	2 * Dual Channel 240-pin DIMM Sockets for unbuffered DDR2 667 SDRAM up to 2 GB
<b>Chipset</b>	Intel 945GM North bridge Chipset and Intel ICH7M South bridge Chipset
<b>Power Management</b>	ACPI S3 Compliant, supports power saving mode
<b>PCI enhanced IDE</b>	2 * Ultra DMA 100 / 66 IDE Devices Support
<b>Serial ATA Interface</b>	2 Serial ATA2 Devices Support
<b>VGA Interface</b>	Intel Graphics Media Accelerator 950
<b>LVDS Interface</b>	Onboard 18-bit dual channel LVDS connector
<b>Audio Interface</b>	Realtek ALC888 6-Channel Audio CODEC
<b>LAN Interface</b>	Dual Realtek RTL8111B 10 / 100 / 1000 PCI-E LAN
<b>Extended Interface</b>	1 * 32-bit PCI Slot 1 * Mini PCI
<b>Internal I/O Port</b>	1 * High Speed USB Connectors @ 480 Mbit / s for 2 USB 2.0 Ports 1 * CPU Smart Fan, 2 * DC Fan Connectors 1 * CD / AUX Audio in & SPEAK Out 1 * TV Out Connector / 1 * LVDS Connector 1 * IEEE 1394a pin-header 1 * IrDA (CIR)
<b>External I/O Port</b>	4 * High Speed USB Connectors @ 480 Mbit / s 1 * HDMI 1 * DVI-D Port / 1 * D-Sub 15-pin VGA Connector / 1 * HDMI Port 2 * Serial COM Ports / 2 x RJ45 Connectors / 1 * Audio I / O
<b>BIOS</b>	Award 4 MB Flash ROM
<b>Power Requirement</b>	Standard 24-Pin ATX Power supply

\* The specification may be changed without further notice.

\* For further information, please go to <http://www.jetwaycomputer.com>

\* To contact us, please call at (510) 857 - 0130