

# Ideal for Embedded Applications



## J7F2 HYBRID Mini-ITX Motherboard Series

*PoS systems / Car PC / Medicare*

### Overview

- Supports VIA C7-D Processor
- Supports up to 2 GHz CPU
- Supports up to 800 MHz FSB
- Supports up to 1 GB RAM
- Supports 2xAD Connector with expansion daughter boards
- Supports 2 Serial ATA Devices with RAID 0, 1
- 6 Channel AC 97' Audio CODEC
- MPEG-2 decoding acceleration for flawless digital video playback
- Fanless in select models, allowing for virtually silent operation
- Dual Monitor Support
- Firewire equipped in select models
- Composite TV-Out / SPDIF-Out equipped in select models
- Up to 1920 x 1440 resolution
- S-video output up to 1024 x 768 resolution
- USB / WOL (Wake On Lan) capable



### Specifications

<b>Form Factor</b>	Mini-ITX 170 mm x 170 mm
<b>CPU</b>	Supports VIA Eden ULV / VIA Eden / VIA C7 / VIA C7-D Processor Supports Low Voltage Edition Socket type: NanoBGA2
<b>Memory</b>	1 * 240-pin DIMM Sockets for unbuffered DDR2 533 SDRAM up to 1 GB
<b>Chipset</b>	VIA CN700 North Bridge Chipset + VT 8237RP South Bridge Chipset
<b>Storage</b>	4 * Ultra DMA 133 / 100 / 66 IDE Devices Support
<b>Serial ATA Interface</b>	2 Serial ATA HDDs with RAID 0, 1 Function Support
<b>VGA Interface</b>	Integrated VIA UniChrome Pro
<b>Audio Interface</b>	VIA VT1617A 6 Channel AC 97' Audio CODEC
<b>LAN Interface</b>	VIA VT6103CL 10 / 100 PCI LAN PHY
<b>Extended Interface</b>	1 * 32-bit PCI Slot 1 * 2xAD Connector With Expansion Daughter Boards
<b>Internal I/O Port</b>	3 * High Speed USB Connectors @ 480 Mbit / s for 6 USB 2.0 Ports CPU / Chassis Fan Connectors / 26-pin Parallel Connector / 9-pin COM2 Connector 1 * 12V 4-pin ATX Power Connector and 1 * 24-pin ATX Power Connector CD / AUX Audio in & SPEAK Out 1 * 9-pin IEEE 1394a (Firewire) Connector for J7F2E & J7FWE ITX motherboards
<b>External I/O Port</b>	2 * High Speed USB Connectors @ 480 M-bit / s 1 * Serial Port / 1 * D-Sub 15-pin VGA Connector 1 * PS/2 Mouse & 1 * PS/2 Keyboard / 1 * RJ45 Connector / 1 * Audio I/O 1 * IEEE 1394a (Firewire) Connector for J7F2E & J7F2WE ITX motherboards 1 * S-Video Port & 1 * RCA Conn. For TV-Out of J7F2W & J7F2WE ITX motherboards
<b>BIOS</b>	Award 4 MB Flash ROM
<b>Power Requirement</b>	Standard 24-Pin ATX Power supply
<b>Dimension</b>	170mm x 170mm
<b>Temperature</b>	Operating within 0 to 60 centigrade Storage within -20 to 85 centigrade

\* 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