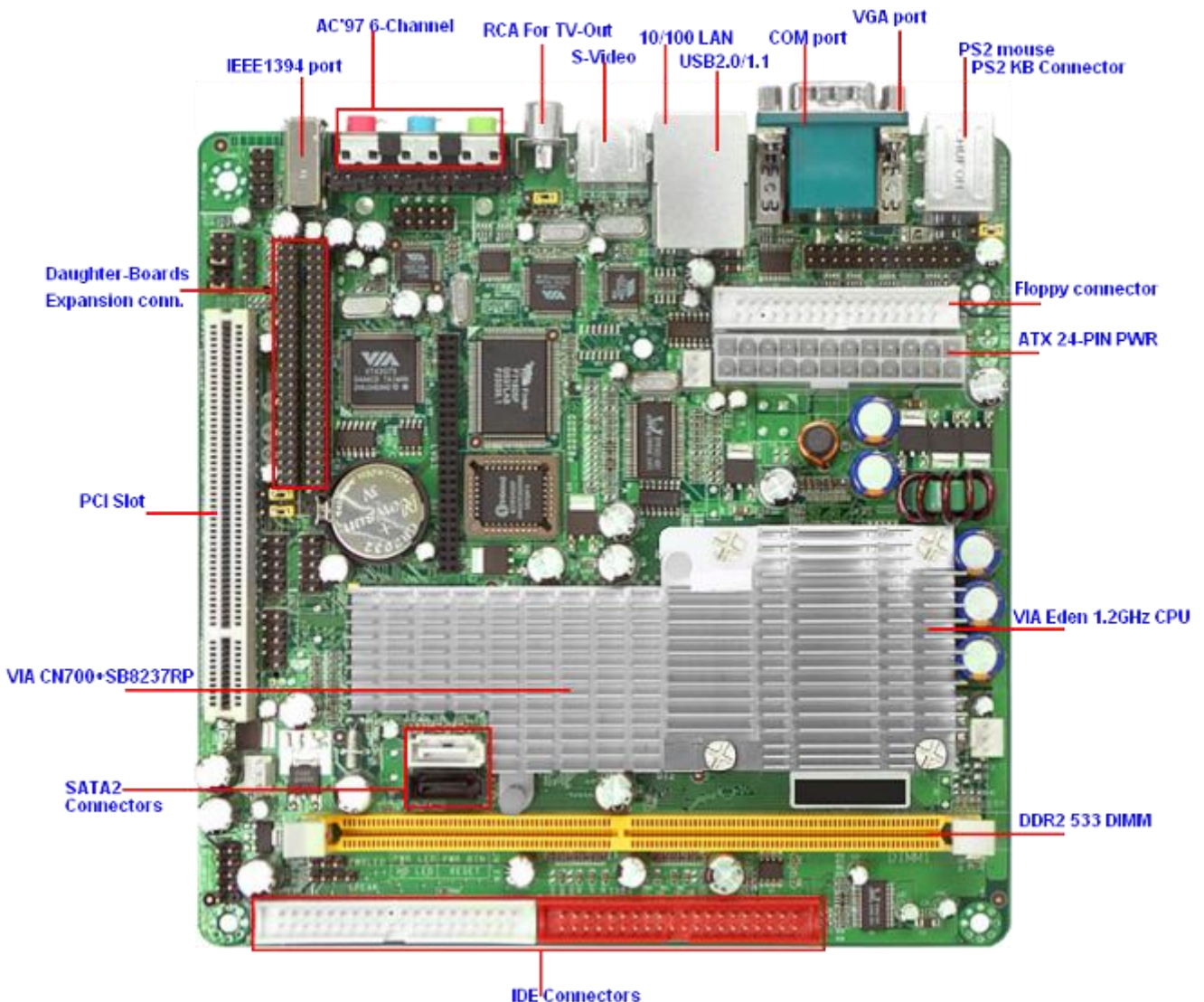


## Mainboard Diagram



### J7F2WE1G2ES-LF

- VIA CN700 Northbridge + VT8237RP Chipsets
- Support VIA Eden 1.2GHz Fanless processor
- Support Front Side Bus 400MHz
- Single Channel DDR2 533 Memory DIMM
- Support 2 Serial ATA Devices with RAID 0, 1
- Support Expansion Daughter-boards
- 10/100 Ethernet LAN Supported
- AC'97 6 Channel Audio CODEC
- VIA VT1622A TV Encoder
- 170mm X 170mm Mini-ITX Form Factor





## Specification




<b>Form Factor</b>	Mini-ITX Express Hybrid Motherboard
<b>CPU</b>	Embedded VIA Eden 1.2GHz Processor @ 7W
<b>Memory</b>	1 * 240-pin DIMM Sockets for unbuffered DDR2-533 SDRAM up to 1 GB
<b>Chipset</b>	VIA CN700 + VT8237RP Chipset
<b>Power Management</b>	ACPI S3 Compliant ,supports power saving mode
<b>PCI enhanced IDE</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>	VIA Unichrome Pro Processor
<b>Video Memory</b>	64MB
<b>LVDS Interface</b>	N/A
<b>Audio Interface</b>	VIA VT1617A 6-Channel AC 97' Audio CODEC
<b>LAN Interface</b>	VIA VT6103CL 10 / 100 LAN PHY
<b>Extended Interface</b>	1 * 32-bit PCI Slot 1 * PCI 100-Pin Adapter 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 1 * 26-pin Parallel Connector 1 * 9-Pin COM2 Connector 1 * 24-pin ATX Power Connector CD / AUX Audio in & SPEAK Out
<b>External I/O Port</b>	2 * High Speed USB Connectors @ 480 Mbit / 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 * S-Video Port 1 * RCA Conn. for TV-Out 1 * IEEE1394 connector
<b>BIOS</b>	Award 4 MB Flash ROM
<b>Power Requirement</b>	Standard 24-Pin ATX Power supply
<b>Form Factor</b>	Mini-ITX (170mm x 170mm)
<b>Packing</b>	Color Box Dimension : 200(W) x 200(D) x 70(H)mm 20 PCS in Cases Gross Weight : 15.4KGS 20 PCS Net Weight : 10.3KGS 20 PCS / Cases, Case size : 720(L) x 410(W) x 200(H)mm
<b>Certificate</b>	CE, FCC, RoHS
<b>Functional</b>	ATM, Automation, Medical Equipment, Security, Networking, POS, General Application, Gaming Machine, Transportation, Thin Client, Net Top
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20-85 centigrade




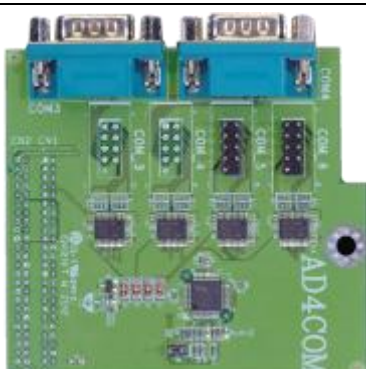

\*For further information please visit the website at <http://www.jetwaycomputer.com>

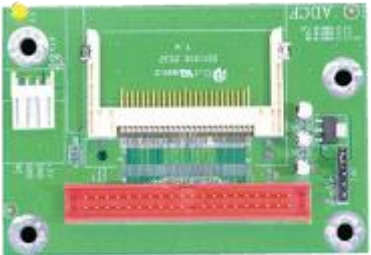



\*The Specification may be changed without further notice.

G04-MJW121C-F	G03-7F2WE-F	G02-CD24-A2-F	G01-HD100-BK-F	G01-SATA-BK-F	F04-093-F
<b>BOX</b> 	<b>Manual</b> 	<b>CD</b> 	<b>IDE Cable</b>  x1	<b>SATA Cable</b>  x1	<b>IO Shield</b> 
G01-COM9-F					
<b>COM Cable</b> 					

### Expansion Daughter-boards (Optional)

<b>JAD1RTLNG</b>		<b>Specifications:</b>
		1 * Realtek RTL8110SC PCI Gigabit LAN
		<b>Accessories</b> IO Shield: F04-094-F
<b>JAD1RTLANP</b>		<b>Specifications:</b>
		1* Realtek RTL8100C PCI 10/100m LAN
		<b>Accessories</b> IO Shield: F04-094-F
<b>JAD3RTLNG</b>		<b>Specifications:</b>
		3 * Realtek RTL8110SC PCI Gigabit LAN
		<b>Accessories</b> IO Shield: F04-094-F

<b>JAD3RTLANP</b>		<b>Specifications:</b>
		3 * Realtek RTL8100C PCI 10/100m LAN
		<b>Accessories</b>
		<b>IO Shield:</b> F04-094-F
<b>JAD2COM</b>		<b>Specifications:</b>
		2 * COM port
		<b>Accessories</b>
		<b>IO Shield:</b> F04-092 F04-143-F for J7F5M series F04-164COM-F for NC92
		<b>Manual:</b> G03-MINI-ITX-ADF
<b>JAD2COMGPIO</b>		<b>Specifications:</b>
		2 * COM port + 24 bit GPIO
		<b>Accessories</b>
		<b>IO Shield:</b> F04-092 F04-143-F for J7F5M series F04-164COM-F for NC92
		<b>Manual:</b> G03-AD2COMGPIO-F
<b>JAD4COM</b>		<b>Specifications:</b>
		4 * COM port
		<b>Accessories</b>
		<b>IO Shield:</b> F04-092 F04-143-F for J7F5M series F04-164COM-F for NC92
		<b>Manual:</b> G03-MINI-ITX-ADF
<b>JAD4COMB</b>		<b>Specifications:</b>
		4 * COM port + 2 RS422/485
		<b>Accessories</b>
		<b>IO Shield:</b> F04-092 F04-143-F for J7F5M series F04-164COM-F for NC92
		<b>Manual:</b> G03-AD4COMB-F

<p><b>JADCF</b></p>		<p><b>Specifications:</b></p> <p>IDE to CF Socket</p> <p><b>Accessories</b></p>
<p><b>JADPCM2</b></p>		<p><b>Specifications:</b></p> <p>1 * PCMCIA + 1X CF Socket</p> <p><b>Accessories</b></p> <p><b>IO Shield:</b> F04-091-F  F04-144-F for J7F5M series  F04-164PC-F for NC92</p> <p><b>Manual:</b> G03-MINI-ITX-AD</p>
<p><b>JAD7LVCOM</b></p>		<p><b>Specifications:</b></p> <p>CN700 LVDS + 2xUART</p> <p><b>Accessories</b></p>
<p><b>JAD7DLV(DVI-D)</b></p>		<p><b>Specifications:</b></p> <p>CN700 LVDS + 1xDVI-D</p> <p><b>Accessories</b></p> <p><b>IO Shield:</b> F04-108-F</p>