



Embedded Mini-ITX & Nano-ITX IPC Motherboards

Q1'06

Q2'06

Q3'06

Q4'06

MCE Concept IPC Platform

Mini-ITX

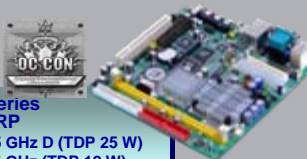
J7F5WE Series
INTEL 945GM + ICH7M



Mini-ITX

J7F2WE ITX MB Series
VIA CN700 + 8237RP

Support VIA C7 @ 1.5 GHz D (TDP 25 W)
VIA C7 @ 1.5 GHz (TDP 12 W)
VIA C7 @ 1.3 GHz (TDP 12 W)
VIA C7 @ 1.2 GHz LV (TDP 7 W)
VIA C7 @ 1.0 GHz LV (TDP 5 W)
VIA C7 @ 1.0 GHz (TDP 9 W)
VIA C7 @ 800 MHz LV (TDP 5 W)



Mini-ITX

J7F3E1750 / 1500LV / 1250LV
SiS 741 + 964
Support AMD Geode NX 1750 (TDP 14 W)
Support AMD Geode NX 1500 LV (TDP 6 W)
Support AMD Geode NX 1250 LV (TDP 6 W)



Nano-ITX

J8F1WE ITX MB Series
VIA CX700 Single Chip



Nano-ITX

J8F2WE ITX MB Series
VIA CX700M Single Chip



Nano-ITX

J8F3WE ITX MB Series
VIA CX700M2 Single Chip



Mini-ITX

J6Z/FWE800-OC
VIA CLE266 + 8235M
Embedded VIA C3 @ 800 MHz,



Mini-ITX

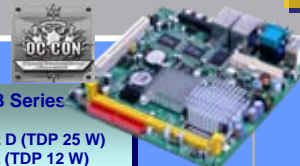
J7PF1WE ITX MB Series
VIA CN896 Single Chip



Mini-ITX

J7F4K & J7F4B ITX MB Series
VIA CN700 + 8237RP

Support VIA C7 @ 1.5 GHz D (TDP 25 W)
VIA C7 @ 1.5 GHz (TDP 12 W)
VIA C7 @ 1.3 GHz (TDP 12 W)
VIA C7 @ 1.2 GHz LV (TDP 7 W)
VIA C7 @ 1.0 GHz LV (TDP 5 W)
VIA C7 @ 1.0 GHz (TDP 9 W)
VIA C7 @ 800 MHz LV (TDP 5 W)



General Purpose IPC Platform

Dedicated IPC Platform

- Definition
- "W"--- TV-Out Function Support
 - "E"--- Embedded IEEE1394 Function Support
 - "K"--- Embedded Dual Gigabit LAN Function Support
 - "B"--- Embedded Dual 10 / 100 LAN Function Support
 - "J7"--- Mini-ITX Form Factor Design
 - "J8"--- Nano-ITX Form Factor Design
 - "LV"--- Processors of Low Voltage Edition Support

627FWE800



Model No.	627FWE800-OC
Processor	VIA C3 Processors
Chipset	VIA CLE266 + 8235M
Front Side Bus	133 MHz
Graphic Interface	Integrated S3 Graphics UniChrome Pro Processor
Memory System	1 DDR 400 DIMM up to 1GB
Audio	AC' 97 6-CH CODEC
Storage	4 ATA-133
LAN	VIA VT6103 10 / 100 LAN PHY
Onboard I/O	6 USB 2.0, 2 IEEE1394
Expansion Slot	1 PCI, 1 Adapter Conn.
PCB Layer	6
Operating Temperature	0~50°C
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)
Form Factor	Mini-ITX
Dimension	170 x 170 mm



J7F2FWE Series

Model No.	J7F2WE800LV / J7F2WE1G / J7F2WE1GLV / J7F2WE1G2LV / J7F2WE1G3 / J7F2WE1G5 / J7F2WE1G5D
Processor	VIA C7 Processors 800MHz LV / 1GHz / 1GHz LV / 1.2 GHz LV / 1.3GHz / 1.5GHz / J7F2WE1G5 25Watts Edition
Chipset	VIA® CN700 + 8237RP
Front Side Bus	133 MHz
Graphic Interface	Integrated S3 Graphics UniChrome Pro Processor
Memory System	1 DDR2 400 / 533 DIMM up to 1GB
Audio	AC' 97 6-CH CODEC
Storage	4 ATA-133, 2 S-ATA, RAID
LAN	VIA VT6103 10 / 100 LAN PHY
Onboard I/O	8 USB 2.0, 2 IEEE1394, TV-Out
Expansion Slot	1 PCI, 1 Adapter Conn.
PCB Layer	6
Operating Temperature	0~50°C
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)
Form Factor	Mini-ITX
Dimension	170 x 170 mm



J7F3E Series



Model No.	J7F3E1250LV / J7F3E1500LV / J7F3E1750
Processor	AMD Geode NX Processor 1250 LV / 1500LV / 1750
Chipset	SiS® 741CX + 964
Front Side Bus	333 MHz
Graphic Interface	Integrated Mirage Graphic Engine
Memory System	1 DDR 400 DIMM up to 1GB
Audio	AC' 97 6-CH CODEC
Storage	4 ATA-133, 2 S-ATA, RAID 0, 1
LAN	Realtek RT 8201L 10 / 100 LAN PHY
Onboard I/O	8 USB 2.0, 2 IEEE1394
Expansion Slot	1 PCI, 1 Adapter Conn.
PCB Layer	6
Operating Temperature	0~50°C
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)
Form Factor	Mini-ITX
Dimension	170 x 170 mm



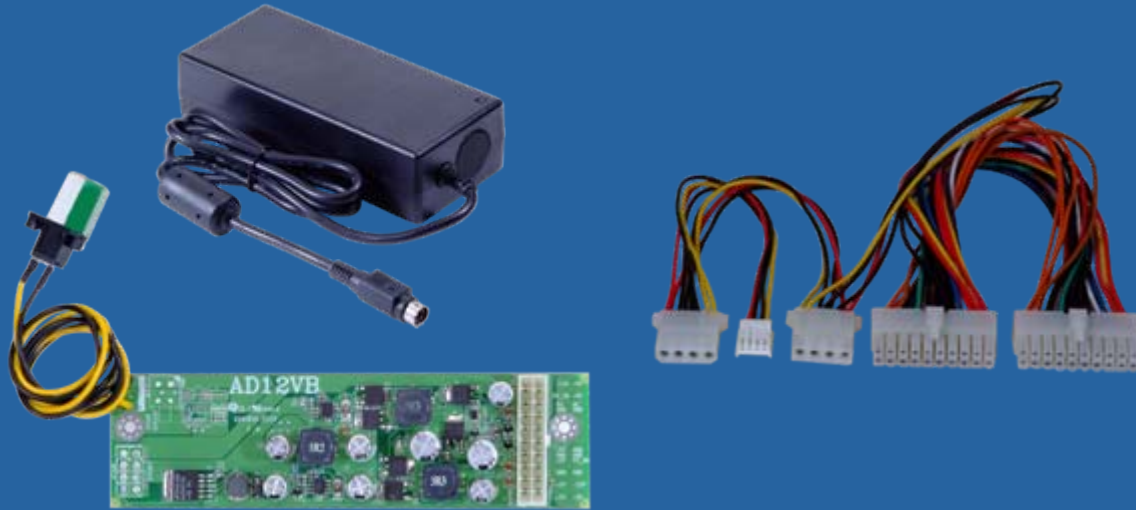
J7F4K & J7F4B Series

Model No.	J7F4K800LV / J7F4K1G / J7F4K1GLV / J7F4K1G2LV / J7F4K1G3 / J7F4K1G5 / J7F4K1G5D J7F4B800LV / J7F4B1G / J7F4B1GLV / J7F4B1G2LV / J7F4B1G3 / J7F4B1G5 / J7F4B1G5D
Processor	VIA C7 Processors 800MHz LV / 1GHz / 1GHz LV / 1.2 GHz LV / 1.3GHz / 1.5GHz / J7F2WE1G5 25Watts Edition
Chipset	VIA® CN700 + 8237RP
Front Side Bus	133 MHz
Graphic Interface	Integrated S3 Graphics UniChrome Pro Processor
Memory System	1 DDR2 400 / 533 DIMM up to 1GB
Audio	AC' 97 6-CH CODEC
Storage	4 ATA-133, 2 S-ATA, RAID
LAN	Dual VIA 10 / 100 / 1000 LAN PHY Dual VIA 10 / 100 LAN PHY
Onboard I/O	8 USB 2.0
Expansion Slot	1 PCI
PCB Layer	4
Operating Temperature	0~50°C
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)
Form Factor	Mini-ITX
Dimension	170 x 170 mm





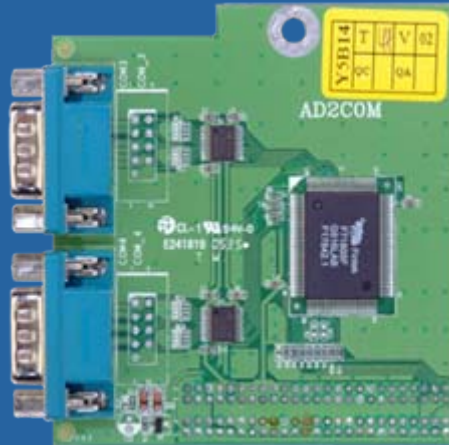
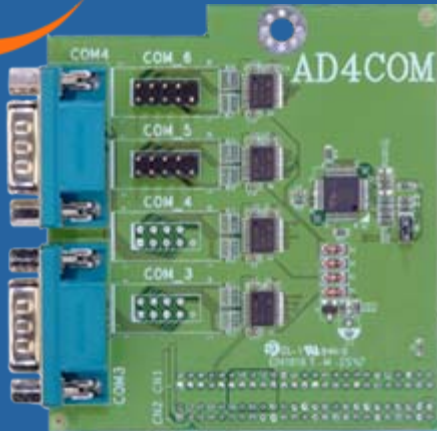
AD12VB



Model No.	AD12VB
Function	12V Mini-ITX Power supply - Max. 80Watt DC-DC power supply - ATX standard compliant - 12V operation - 100% silent, small footprint
IPC MB Support	627FWE800-OC J7F2WE800 / J7F2WE1G / J7F2WE1G3 / J7F2WE1G5 J7F2WE1G5D J7F2WE1GLV / J7F2WE1G2LV J7F3E1250LV / J7F3E1500LV / J7F3E1750



AD4COM / AD2COM / AD2COMA



Model No.	AD4COM	AD2COM / AD2COMA
Function	For Extra 4 COM Ports Added	For Extra 2 COM Ports Added
IPC MB Support	627FWE800-OC J7F2WE800 / J7F2WE1G / J7F2WE1G3 / J7F2WE1G5 J7F2WE1G5D J7F2WE1GLV / J7F2WE1G2LV J7F3E1250LV / J7F3E1500LV / J7F3E1750	



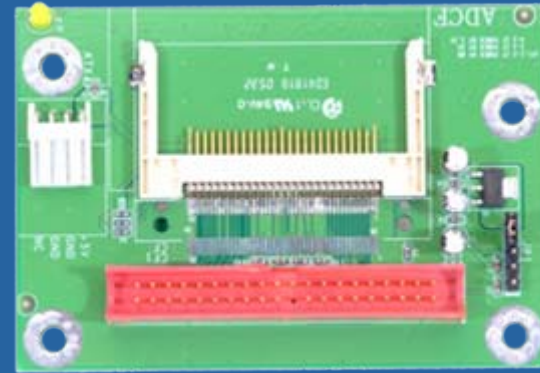
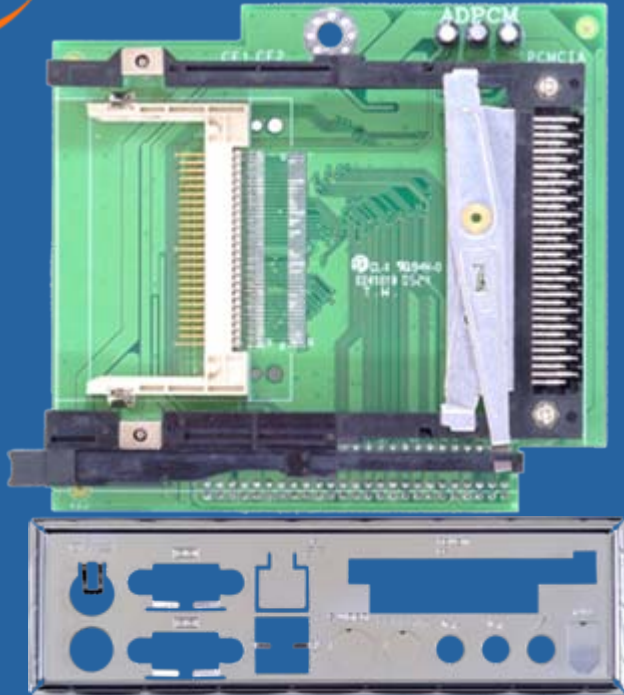
AD1RTLAN-G / -P AD3RTLAN-G / -P



Model No.	AD3RTLAN-G / AD3RTLAN-P	AD1RTLAN-G / AD1RTLAN-P
Function	For 2nd, 3th , 4th 10/100/1000 or 10/100Ethernet LAN	For 2nd 10/100/1000 or 10/100 Ethernet LAN
IPC MB Support	627FWE800-OC J7F2WE800 / J7F2WE1G / J7F2WE1G3 / J7F2WE1G5 J7F2WE1G5D J7F2WE1GLV / J7F2WE1G2LV J7F3E1250LV / J7F3E1500LV / J7F3E1750	



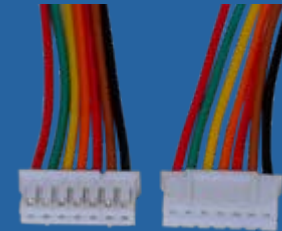
ADPCM / ADCF



Model No.	ADPCM	ADCF
Function	Card Bus Type I + II Supported Expansion Interface With CF Compatible Card Reader	IDE Interface Supported CF Compatible Disk On Module
IPC MB Support	627FWE800-OC J7F2WE800 / J7F2WE1G / J7F2WE1G3 / J7F2WE1G5 J7F2WE1G5D J7F2WE1GLV / J7F2WE1G2LV J7F3E1250LV / J7F3E1500LV / J7F3E1750	



ADLVCOM



Model No.	ADLVCOM
Function	-LVDS Panel Controller and Serial Port -VIA VT6135 Support LVDS signal for LVDS Panel -2 Serial Port support RS232 Communication Port
IPC MB Support	627FWE800-OC



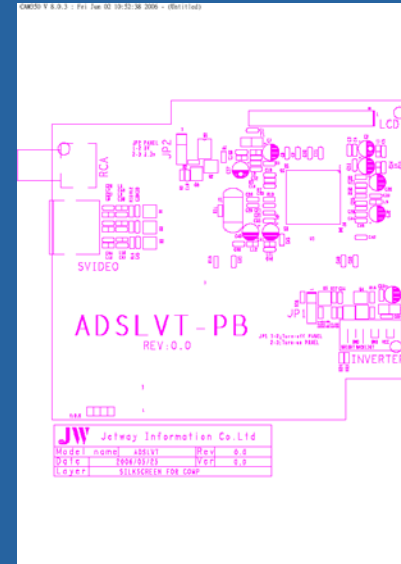
AD7DLV / AD7LVCOM



Model No.	AD7DLV	AD7LVCOM
Function	<ul style="list-style-type: none"> -LVDS Panel Controller and DVI Connector -VIA VT6136 Support LVDS signal for LVDS Panel -VIA VT6132A Support DVI digital video signal Output 	<ul style="list-style-type: none"> --LVDS Panel Controller and Serial Port -VIA VT6136 Support LVDS signal for LVDS Panel -2 Serial Port support RS232 Communication Port
IPC MB Support	J7F2WE800 / J7F2WE1G / J7F2WE1G3 / J7F2WE1G5 J7F2WE1G5D J7F2WE1GLV / J7F2WE1G2LV	



ADSDVC / ADSLVT



Model No.	ADSDVC	ADSLVT
Function	-Extended D-Sub 15-pin and DVI Connectors -SiS 301 controller Supports both analog D-Sub 15-pin and DVI digital video signal Output	-Extended S-Video and LVDS Panel Controller - Supports both RCA TV and LVDS signal Output
IPC MB Support	J7F3E1250LV / J7F3E1500LV / J7F3E1750	