

# Industrial Single Board Computer

## Full-size PICMG CPU Card

### FS-979

Intel Pentium® 4 LGA775 with DDR II 400/533

Onboard VGA, Gigabit LAN, SATA

DVI, GPIO, Serial port, USB2.0

AC97 Audio, Smart CPU FAN



<b>Form Factor</b>	Full-size PICMG (1.0 compliant) CPU Card
<b>CPU</b>	Intel Pentium 4/Celeron D Package: LGA775 L2 Cache: 256KB/1MB Front side bus: 533/800MHz <b>Intel Hyper Threading Technology Supported</b>
<b>Memory</b>	4 x 240-pin DDR II 400/533 SDRAM up to 4GB
<b>Chipset</b>	Intel 915GV and ICH6R
<b>Real Time Clock</b>	Chipset integrated RTC with onboard lithium battery
<b>Watchdog Timer</b>	Generates a system reset with internal timer for 1min ~ 255min
<b>Power Management</b>	ACPI 1.0 compliant, supports power saving mode with ATX PSU
<b>PCI Enhanced IDE</b>	One UltraATA/100 IDE channel up to 2 ATAPI devices 1 x onboard 40-pin IDE connector
<b>Serial ATA</b>	Intel ICH6R built-in 4 x Serial ATA interfaces up to 150MB/s Support RAID 0, 1 and Intel Matrix Storage Technology
<b>VGA Interface</b>	Intel 915GV builds in Intel Graphic Media Accelerator (GMA) 900 technology
<b>Video Memory</b>	Up to 224MB shared with system memory
<b>Audio Interface</b>	Intel ICH6R integrated with Realtek ALC201A AC97 Codec
<b>USB Interface</b>	Intel ICH6R integrated with 4 USB 2.0 interfaces up to 480Mb/s
<b>LAN</b>	1 x Intel 82562EZ PHY 10/100Mbps LAN Or 3 x Marvell E8053 PCIE Gigabit LAN Onboard additional LAN LED connector
<b>DVI Interface</b>	Chrontel CH7307B DVI transmitter with onboard 26-pin DVI interface
<b>Solid State Disk</b>	IDE1 supports DiskOnModule with +5V power supply 1 x Compact Flash Type II socket
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface
<b>Internal I/O Port</b>	1 x RS232 and 1 x jumper selectable RS232/422/485 serial port 1 x Parallel port, 1 x Floppy port, 1 x IrDA port
<b>External I/O Port</b>	1 x RJ45, 1 x VGA, 1x COM and 1 x PS/2 Or 3 x RJ45 and 1 x PS/2

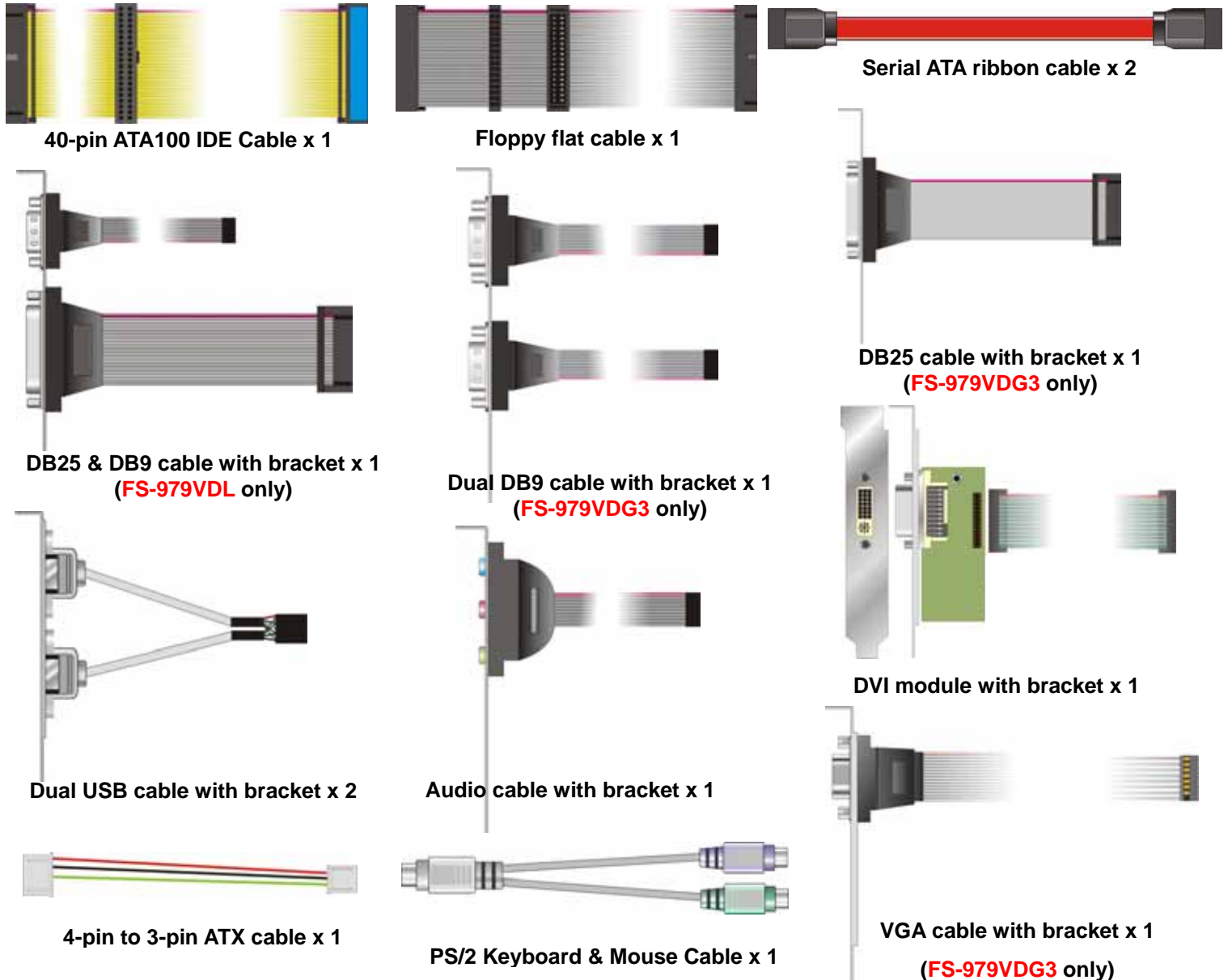
**Anso Technology Co.,Ltd**

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<b>Power Requirement</b>	Onboard 4-pin 5V/12V DC connector Onboard P4 12V 4-pin connector (necessary for CPU powering) Onboard 3-pin ATX control connector for backplane
<b>Thermal Control</b>	1 x 4-pin Smart CPU Fan, 1 x 3-pin system Fan and 1 x Chip Fan connectors
<b>Dimension</b>	338 (L) x 122 (H) mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

## Cable Kit



## Order Code

<b>FS-979VDL</b>	Full-size PICMG CPU card with Intel Pentium 4 LGA775 platform Onboard VGA, SATA, DVI, AC97 Audio, GPIO, CF, 1 x 10/100Mbps LAN
<b>FS-979VDG3</b>	Same as above but with 3 x Gigabit LAN

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