

# Industrial Single Board Computer

## Full-size PICMG CPU Card

### FS-979

#### Full-size PICMG Pentium 4 Platform

Intel Pentium 4 LGA775 with DDRII

Onboard VGA, LAN, USB2.0, DVI

SATA, AC97 Audio



<b>Form Factor</b>	Full-size PICMG CPU card
<b>CPU</b>	Intel Pentium 4 LGA775 with 800MHz FSB
<b>Memory</b>	4 x DDRII 400/533MHz SDRAM up to 4GB
<b>Chipset</b>	Intel 915GV & 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 channels up to 2 ATAPI devices
<b>VGA Interface</b>	Intel 915GV integrated GMA (Graphic Media Accelerator) 900 Technology 1 x DB15 and 1 x 16-pin header for analog display devices 1 x 26-pin header with DVI interface for digital display devices Dual display Clone/Extended supported
<b>Video Memory</b>	Up to 224MB shared with system memory
<b>Serial ATA interface</b>	4 x Serial ATA interface with 150MB/s transfer rate
<b>Audio Interface</b>	Intel ICH6R integrated with Realtek ALC201A AC97 Codec
<b>LAN Interface</b>	Intel® 82562EZ 10/100Mbps Fast Ethernet
<b>Solid State Disk</b>	IDE1 supports DiskOnModule with +5V power supply 1 x Compact Flash Socket on solder side
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface
<b>Internal I/O Port</b>	1 x FDD, 4 x USB ports, 1x IrDA, 1 x RS232/422/485 serial port, 1 x VGA port 1 x Audio port and 1 x CD-in port, 1x Parallel Port
<b>External I/O Port</b>	1 x RJ45 LAN ports, 1 x PS/2 Keyboard/Mouse port 1 x DB15 VGA port, 1 x DB9 RS232 serial port
<b>Power Requirement</b>	+5V , +12V; 1x standard AT 4-pin D-type and 1 x additional P4 12V connectors required
<b>Board Dimension</b>	338mm x 122 mm (L x W)
<b>Operation Temperature</b>	0 ~ 60 C (32 ~ 140 F)
<b>Ordering Code</b>	<b>FS-979VDL</b> Full-size Intel Pentium 4 CPU Card with onboard VGA, LAN, SATA, USB 2.0 Ports, Audio, DVI, Compact Flash, 2 x serial ports

Online product information detail and updates are available at [www.commell.com.tw](http://www.commell.com.tw)

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