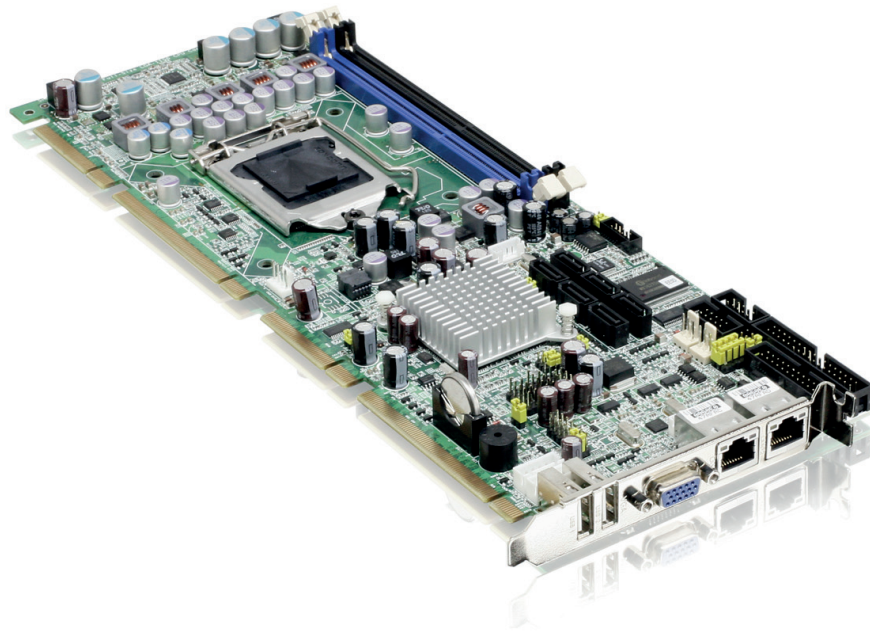# » PCI-761 «

Full size PICMG 1.3 Board SHB

» LGA1156 socket for Intel® Pentium® and Core™ i3/i5/i7 processor
» Intel® Q57 chipset
» 2 DDR3 1066/1333 DIMM support up to 8GB memory capacity
» Intel® AMT & TPM supported

Fast

The PCI-761 combines Intel®'s Core™ i3/i5/i7 processor, with the Q57 chipset to deliver outstanding performance and bandwidth. It allows you to set the pace with innovative applications today while the PCI-Express on edge connector offers enough I/O headroom for emerging next generation requirements.

The PCI-761 minimizes deployment risks through a broad range of software support. This eases the process of product integration and maximizes your competitive advantage to meet your time-to-market window.

Connected

Connectivity based on highly sophisticated communication technology and remote management is the key requirement for being competitive in a wide range of networking applications. By providing 12 high-speed USB 2.0 channels and two Gigabit Ethernet interfaces, the PCI-761 supports comprehensive connectivity features at full bandwidth.

Technical Information

CPU	LGA1156 socket for Intel® Core™ i7/i5/i3 & Pentium® processors
System Memory	2 x 240-pin DIMM supports DDR3-1066/1333 max up to 8GB
Chipset	Intel® Q57
Memory Size	8 GB DDR3 memory support
Display Interface	1x VGA
BIOS	AMI
Onboards interface	1x FDD; 1x PS/2 keyboard; 1x PS/2 mouse; 1x LPT; with SPP/EPP/ECP supported; 1x RS-232/422/485 (COM 1); 1x RS-232 (COM2); 8x USB; 4x SATA; 1x SMB
Expansion Interface	1x PCIe x16 graphics port supports for SDVO or PCIe x1 devices 1x PCIe x4 for 1 x PCIe x4 or 4 x PCIe x1 I/O devices 4x 32-bit PCI bus masters 2x SATA 4x USB
Watchdog Timer	255 levels, 1~255 sec.
Hardware	Detect CPU/system temperature, voltage and support
Monitoring	Smart Fan control
Ethernet	1st port as 10/100/1000Mbps supports iAMT, Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82578DM; 2nd port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82583V
Audio	HD Codec audio as MIC-in/Line-in/Line-out/speaker-out
USB	12x USB 2.0 ports
SATA	6x SATA-300 with RAID 0/1/10/5
TPM	Infineon SLB9635 for trusted platform
SMBus	System Management Bus for advanced monitoring/control
Temperature	0°C to +60°C (32°F ~ 140°F), operation
Operation Humidity	10% to 95% relative humidity, non-condensing
MTBF	~100.000 h
Size	338 x 126mm

Ordering Information

Article	Description
PCI-761	LGA1156 Intel® Core™ i3/i5/i7 & Pentium®; PICMG 1.3 full-size CPU card with VGA,2 10/100/1000Mbps and audio

CORPORATE OFFICES

Europe, Middle East & Africa

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany

Tel.: +49 (0) 821 4086-0
Fax: +49 (0) 821 4086 111
sales@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA

Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific

17 Building,Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China

Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn