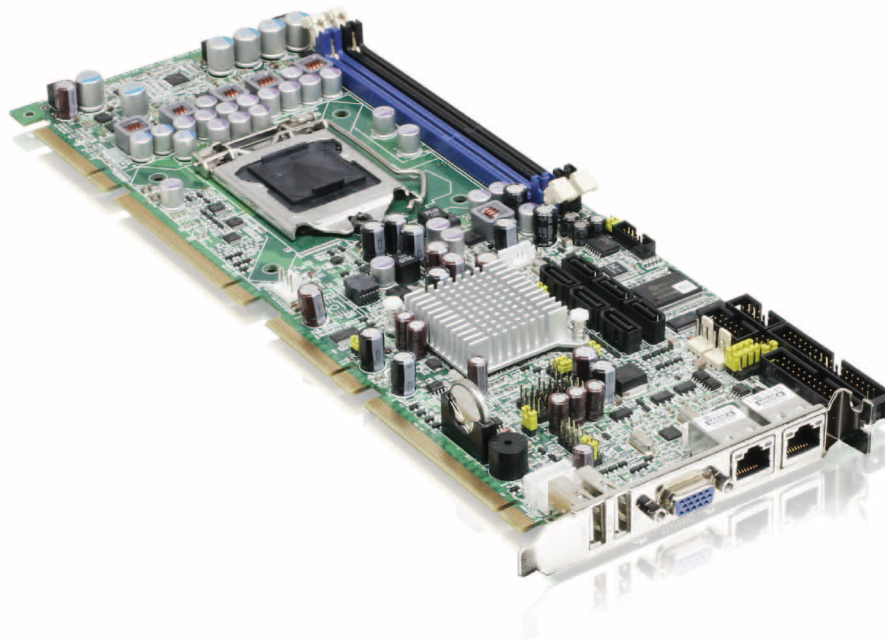


» PCI-761 «



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	1 x VGA
BIOS	AMI
Onboards interface	1 x FDD 1 x PS/2 keyboard 1 x PS/2 mouse 1 x LPT; with SPP/EPP/ECP supported 1 x RS-232/422/485 (COM 1) 1 x RS-232 (COM2) 8 x USB 4 x SATA 1 x SMB
Expansion Interface	1 x PCIe x16 graphics port supports for SDVO or PCIe x1 devices 1 x PCIe x4 for 1 x PCIe x4 or 4 x PCIe x1 I/O devices 4 x 32-bit PCI bus masters 2 x SATA 4 x USB
Watchdog Timer	255 levels, 1~255 sec.
Hardware Monitoring	Detect CPU/system temperature, voltage and support Smart Fan control
Ethernet	1 st port as 10/100/1000Mbps supports iAMT, Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82578DM 2 nd 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	12 x USB 2.0 ports
SATA	6 x 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 ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 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

Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 279
info@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



#PCI-960H 09162010 BRK
All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. All brand or product names are trademarks or registered trademarks of their respective owners.