



Features

- LGA 1155 Intel® 3rd Gen. Core™ i7/i5/i3 Pentium® CPU
- Equipped with Intel® Q77 chipset
- Supports DDR3 1333/1600 DIMM up to 32GB
- Supports dual Gigabit Ethernet
- Supports USB 3.0
- Supports trusted platform module

Specifications

System

CPU Support	3rd Gen. Intel® Core™ i7/i5/i3/Pentium processors
CPU Frequency	3.0 ~ 3.4GHz
Chipset	Intel® Q77
DRAM	2 x 240-Pin DDR3 DIMMs, supports dual-channel memory 1333/1600 MHz up to 32GB
BIOS	AMI BIOS
Watchdog	1~255 seconds watchdog timer selectable
Power Supply	Supports ATX power
Power Consumption	+5V:2.32A, +12V:2.66A, +3.3V:0.67A, +5Vsb:0.25A (CPU: Intel® Core™ i3 3220 3.3GHz)
Dimension	338.5 x 126mm (13.33" x 4.96")
Certificate	FCC / CE
OS Support	Windows 8 Windows 7 Windows XP SP3

Ordering Information

Order No	Description
IPC-FP2893	PICMG 1.3 full size CPU card with Intel® CPU(LGA1155)+ Q77 chipset /VGA/Audio/2COM/ 2LAN(GbE)

I/O Ports

SATA Interface	5 x SATA II (2 ports to backplane) 1 x SATA III
Expansion Bus	1 x mini PCIe
TPM	TPM1.2 with 20-pin header on board for TPM (Trusted Platform Module)
Serial Port	2 x COM COM1 for RS-232, COM2 for RS-232/422/485
Keyboard	Mini DIN connector or external connector
Mouse	Mini DIN connector (selectable w/ KB) or Y-cable
LAN	LAN 1: Intel® 82579LM (GbE) LAN 2: Intel® 82583V (GbE) Supports Wake-on-LAN with ATX power
Audio	HD audio, Realtek ALC888S
USB	10 x USB 2.0/3.0 6 x USB ports on board, 4 x USB ports to backplane

Graphics

VGA	1 x VGA; up to 1920x1200@60Hz
Display Port	2 x display ports; up to 2560x1600 @60Hz

Environment

Operating Temp.	0° ~ 60°C (32° ~ 140°F)
Storage Temp.	- 40° ~ 85°C (- 40° ~ 185°F)
Humidity	Operation humidity 20 ~ 90%, storage humidity 20 ~ 95%