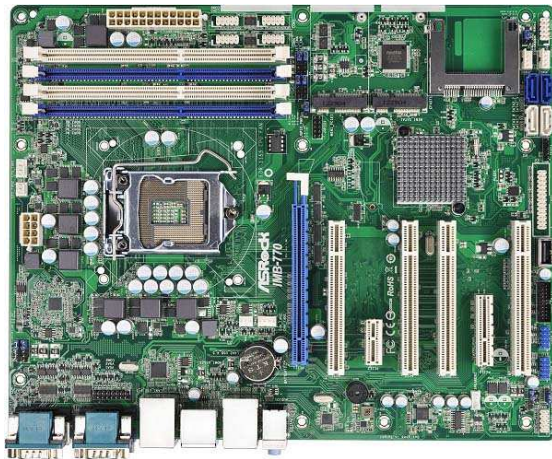


Industrial Mainbord IMB-770

1 PCIe x16, 1 PCIe x4, 1 PCIe x1 oder 1 Mini PCIe und 4 PCI Slots



Features:

CHIPSET	Intel® Q77
CPU	Intel Core i7/i5/i3/Celeron (Ivy Bridge and Sandy Bridge)
Socket	LGA1155
MEMORY	4 DDR3 1600MHz DIMM up to 32GB
EXPANSION	3 x PCIE (x16/x4/x1) 4 x PCI 1 Mini PCIe
DISPLAY OUTPUTS	Integrated Intel® HD Graphics Built-in Visuals 1 x D-Sub, 1 x HDMI, 1 x DisplayPort
LAN	2 Gigabit LAN ports 1 x Intel 82579LM, 1 x Intel 82583V
COM	6 com
USB	4 x USB 3.0, 9 x USB 2.0
STORAGE	2 x SATA3, 2 x SATA2, 1 x mSATA 1 x CFast Card Socket
OTHER	1 x TPM Header

Specification:

Processor System	
Dimension	ATX (9.6-in x 12-in)
CPU	Socket LGA1155 for Intel Core i7/i5/i3/Celeron (Sandy Bridge and Ivy Bridge)
Core Number	(By CPU, Max 4)
Max Speed	(By CPU)
L3 Cache	(By CPU)
Chipset	Q77
BIOS	UEFI
Expansion Slot	
PCI	4
Mini-PCIe	1 (Full Size)
mSATA	1
PCIe x16 (Gen2)	1 (x16) (Ivy Bridge: Gen3; Sandy Bridge: Gen2) + 1 (x1) + 1 (x4)
CFast Card Socket	1
Memory	
Technology	Dual Channel DDR3 1066/1333/1600 MHz SDRAM
Max.	32GB
Socket	4 x Long-DIMM
Graphics	
Controller	Intel HD Graphics (By CPU)
VRAM	Shared Memory
VGA	Supports max resolution 2048 x 1536
HDMI	Supports HDMI 1.4a, max resolution 1920 x 1200
DVI	No
Display Port	Supports max resolution 2560 x 1 600
Multi Display	Yes
Ethernet	
Interface	10/100/1000 Mbps
Controller	GbE LAN1: Intel 82583V, LAN2: Intel 82579LM
Connector	2 x RJ-45

SATA	
Max Data Transfer Rate	SATA2 (3.0Gb/s), SATA3 (6.0Gb/s), Supports RAID 0/1/5
Rear I/O	
VGA	1
HDMI	1
Display Port	1
Ethernet	2
USB	6 (4 x USB 2.0 compliant, 2 x USB 3.0 compliant)
Audio	3 (Mic-In, Line-Out, Line-In)
Serial	2 (RS-232/422/485)
PS/2	1 (Combo)
Internal Connector	
USB	7 (4 x USB 2.0 compliant, 2 x USB 3.0 compliant) 1 Vertical Type A USB Connector
Serial	4 (RS-232)
SATA	4 (2 x SATA2 (3.0Gb/s), 2 x SATA3 (6.0Gb/s), Support RAID 0/1/5/10)
m-SATA	1
Mini-PCIe	1 (Supports half-size card)
Parallel	1
GPIO	4 x GPI + 4 x GPO
SATA PWR Output Con	2
Watchdog Timer	
Output	Output from super I/O to drag RESETCON#
Interval	256 Segments, 0,1,2...255 Sec/Min
Power Requirements	
Input PWR	ATX PWR (8 + 24)
Power On	AT/ATX Supported
	AT : Directly PWR on as power input ready
	ATX : Press button to PWR on after power input ready
Environment	
Operating Temperature	0°C – 60°C