

19-inch / 4U Industrial PC, Mainboard Version (ATX), 7 Slots
Intel® Core™ i3 / i5 / i7 (3rd Generation / Ivy Bridge)
PCI / PCIe



Q77
Intel® Chipset



- Aluminium front with lockable door
- 2 x 80 mm front fan with exchangeable filter pad
- Safe fixing of all cables and moving parts
- Configuration and interfaces as desired

PERFORMANCE

CPU (Intel® Desktop)	Core™ i3-3220 (2 x 3,3 GHz) Core™ i5-3550S (4 x 3,0 GHz) Core™ i7-3770 (4 x 3,4 GHz) (3 rd Generation / Ivy Bridge)
System memory	max. 32 GB DDR3
Power supply	400 Watt ATX, PFC optional redundant

SYSTEM

Board system	ATX, socket 1155
Chipset	Intel® PCH Q77
Operating Systems support	Windows 7 / 8 / XP
Expansion slots	PCI 4 PCIe 2 (1 x PCIe-x4, 1 x PCIe-x16)
Watchdog timer	on board
RAID	on board (0/1/5/10)
Ethernet	2 x 10/100/1000 Mbit/s Intel® 82579LM / 82574L
Graphic	integrated in CPU
Audio	on board Realtek ALC888S

DRIVES

Harddisk	min. 500 GB, 3,5" SATA or ...
Solid-state drive	min. 60 GB, 2,5" SATA
Raid system	optional
CD/DVD ROM	optional
CD/DVD writer	optional
Drive bays	1 x 3,5" 3 x 5,25"

INTERFACES

RS-232	COM1 (+ COM3/4 internal)
RS-232/422/485	COM2 (on slot bracket)
USB	front 2 x USB 2.0 rear 6 x USB 2.0 internal 2 x USB 2.0, 2 x USB 3.0
PS/2	1 x Mini-DIN connector, Y-cable incl.
Parallel port	1 x DB-25 LPT
RJ-45 Ethernet	2
Graphic	VGA (+ optional 2 x DVI-D)
Audio	line in / out / mic
Internal I/O (onboard only)	2 x DisplayPort, digital I/O (8/8)

CONSTRUCTION

Dimensions (W x D x H)	483 x 452 x 177 mm
Material	sturdy steel sheet
Front	aluminium, lockable
Color	RAL 7035 (light grey) others on request
Weight	ca. 15 kg
Cooling	2 x 80 mm front fan (exchangeable filter), power supply fan optional 2 x rear housing fan
Controls	power on/off, reset, control LEDs

QUALITY / TESTS

Burn-in stress test	min. 24 hours
Production	ESD protected
Quality management	according to ISO 9001:2008
Environmental management	according to ISO 14001:2004
Operating temperature	0–50° C
Warranty	24 months
Service Packages	Tests, installations, adjustments, long-term availability etc. as desired

