



Asus Mainboard P7H55-M Pro

Hersteller: Asus
Herstellerbez.: P7H55-M Pro
Verpackung: Bulk

Teilenummer: 20180077

CPU

Intel Socket 1156 Pentium® Processor Core™ i7 Processor/Core™ i5 Processor/Core™ i3 Processor
Supports Intel® Turbo Boost Technology

Chipset

Intel H55 Express Chipset

Memory

4 x DIMM, 16 GB, DDR3 2133(O.C.)* /1333/1066 Non-ECC, Un-buffered Memory
Dual Channel memory architecture
Supports Intel® Extreme Memory Profile (XMP)

Slots

x PCIe 2.0 x16
1 (2.5GT/s, gray slot)
1 x PCI

VGA

Multi-VGA output support: HDMI, DVI-D and RGB ports
Supports HDMI with max. resolution 1920x 1200 @ 60Hz
Supports DVI with max. resolution 1920x 1200 @ 60Hz
Supports RGB with max. resolution 2048x 1536 @ 75 Hz
Maximum shared memory of 1748 MB

Storage

Intel® H55 Express Chipset built-in
6 x SATA 3.0 Gb/s ports
JMicron® JMB368 PATA controller
UltraDMA 133/100 for up to 2 PATA devices
1 x

Audio

Realtek 8-Channel High Definition Audio CODEC
- BD Audio Layer Content Protection
- Support Jack-detection, Multi-streaming, Front Panel Jack-Retasking (Mic in port)
- ASUS Noise Filter
- Optical S/PDIF out ports at back I/O

USB

12 USB 2.0 ports (6 ports at mid-board, 6 ports at back panel)



Asus AI Lifestyle Features

ASUS Exclusive Overclocking Features

- GPU Boost
- TurboV
- Turbo Key

ASUS Power Solutions

- 4+2 Phase Power Design
- ASUS EPU

ASUS Express Gate

ASUS Quiet Thermal Solution

- ASUS Fanless Design: Heat-sink solution
- ASUS Fan Xpert

ASUS EZ DIY

- ASUS Q-DIMM
- ASUS O.C. Profile
- ASUS CrashFree BIOS 3
- ASUS EZ Flash 2
- ASUS MyLogo 2
- Multi-language BIOS

Overclocking Features

Precision Tweaker - vCore: Adjustable CPU voltage at 0.0125V increment 0.00625V - vIMC: Adjustable IMC voltage at 0.05V increment

- vDRAM Bus: Adjustable DRAM voltage at 0.1V increment
- vPCH: Adjustable PCH voltage at 0.05V increment
- vCPU_PLL: Adjustable CPU_PLL voltage at 0.05V increment
- iGPU: Adjustable iGPU voltage at 0.0125V increment

SFS (Stepless Frequency Selection)

- Internal Base Clock tuning from 80MHz up to 500MHz at 1MHz increment
- PCI Express frequency tuning from 100MHz 200MHz at 100MHz

Overclocking Protection

- ASUS C.P.R.(CPU Parameter Recall)

Back Panel I/O Ports

- 1 x PS/2 Keyboard (Purple)
- 1 x HDMI Output
- 1 x DVI-D Output
- 1 x D-sub Output
- 1 x Optical S/PDIF Output
- 1 x RJ45 port
- 6 x USB 2.0/1.1 ports
- 8-channel Audio I/O



Internal I/O Connectors

x USB connectors support additional 6 USB ports
3 1 x Chassis Fan connector (4-pin)
6 x SATA 3.0Gb/s connectors
1 x S/PDIF Out Header
Front panel audio connector
1 x COM connector
1 x Clear CMOS jumper
1 x 24-pin ATX Power connector
1 x 8-pin ATX 12V Power connector
System Panel
x IDE connector
1 x CPU Fan connector

BIOS

64 Mb Flash ROM , SPI, AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, ACPI 2.0a, Multi-language BIOS, ASUS EZ Flash 2, ASUS CrashFree BIOS 3

Manageability

WfM 2.0, DMI 2.0, WOL by PME, WOR by PME, WOR by PME

Form Factor

MicroATX Form Factor
9.6 inch x 9.6 inch 24.5 cm x 24.5 cm