GIGABYTE

GIGABYTE GA-Z87P-D3 motherboard Intel® Z87 LGA 1150 (Socket H3) ATX
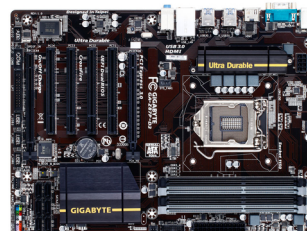
Brand : GIGABYTE

Product code: GA-Z87P-D3

Product name : GA-Z87P-D3

GA-Z87P-D3, LGA 1150, Intel Z87, 4 x DDR3 1600/1333MHz, Intel HD Graphics, 2 x PCI Express x16, 6 x SATA 6.0Gb/s, GbE LAN, EFI DualBIOS, ATX
GIGABYTE GA-Z87P-D3. Processor manufacturer: Intel, Processor socket: LGA 1150 (Socket H3), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR3-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA, SATA II, SATA III, RAID levels: 0, 1, 5, 10. Graphics card family: Intel, Graphics card: HD Graphics, Maximum resolution: 4096 x 2160 pixels. HDMI version: 1.4a

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1150 (Socket H3)
Compatible processor series *	Intel® Celeron®, Intel® Pentium®
Maximum number of SMP processors	1
Supported processor sockets	LGA 1150 (Socket H3)

Memory

Supported memory types *	DDR3-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
Memory voltage	1.5 V
ECC compatibility	Non-ECC
Supported memory clock speeds	1333,1600 MHz
Maximum internal memory *	32 GB
Unbuffered memory	✔

Storage controllers

Supported storage drive interfaces *	SATA, SATA II, SATA III
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✔
Graphics card family	Intel
Graphics card	HD Graphics
Maximum resolution	4096 x 2160 pixels
HDCP	✔
Discrete graphics support	✔

Internal I/O

USB 2.0 connectors *	3
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	6

Rear panel I/O ports

Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	2
HDMI ports quantity *	1
HDMI version	1.4a
Headphone outputs	3
Microphone in	✔
Serial ports quantity	1

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✘
Bluetooth	✘

Features

Motherboard chipset *	Intel® Z87
Audio chip	Realtek ALC887
Audio output channels *	7.1 channels
PC health monitoring	CPU, Fan, Temperature
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Cooling type	Passive
Power source type	ATX
Windows operating systems supported	✔

Expansion slots

PCI Express x16 slots	2
PCI slots	4
PCI Express slots version	2.0, 3.0
PCI Express configurations	1x4, 1x16

BIOS

BIOS type *	EFI AMI
BIOS memory size	64 Mbit

Internal I/O

S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	3
Chassis intrusion connector	✔
EPS power connector (8-pin)	✔
Parallel connector	✔
Serial port headers	1

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4

BIOS

ACPI version	2.0a
Clear CMOS jumper	✔

Processor special features

Intel® High Definition Audio (Intel® HD Audio)	✔
Processor with Intel Graphics Technology required	✔

Weight & dimensions

Width	305 mm
Depth	225 mm

Packaging content

Cables included	SATA

Other features

S/PDIF in connector	✔
Quick installation guide	✔
Serial port via internal header	✔
Parallel port via internal header	✔

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