Intel® Desktop Board D945GTP

The Intel® Desktop Board D945GTP delivers new levels of performance and flexibility to the Digital Office and Digital Home. Based on the Intel® 945G Express Chipset, this board supports dual-core processing, Intel® EM64TΦ and advanced Intel® GMA 950 on-board or PCI Express* Graphics.

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- View Available Configurations
- Get Windows* Hardware Quality Labs (WHQL) Information
- View Industry Specifications
- View Regulatory Compliance Information

Intel® Desktop Board D945GTP Features

Features	Benefits
Form Factor	microATX (9.60 inches by 9.60 inches [243.84 mm by 243.84 mm])
Processors	- Support for an Intel® Pentium® D Processor in an LGA775 socket with an 800 MHz system bus - Support for an Intel® Pentium® 4 Processor in an LGA775 socket with an 800 MHz system bus - Support for an Intel® Celeron® D Processor in an LGA775 socket with a 533 MHz system bus - View all supported processors
Memory	- Four 240-pin DDR2 SDRAM DIMM sockets - Support for DDR2 667, DDR2 533, or DDR2 400 MHz DIMMs - Support for up to 4 GB of system memory
Chipset	Intel® 945G Chipset
I/O Control	Legacy I/O controller for diskette drive, serial, parallel, and PS/2 ports
Audio	Intel® High Definition Audio subsystem in one of the following configurations: 8-channel (7.1) audio subsystem with five analog audio outputs and one S/PDIF optical digital audio output using the Sigmatel 9223* audio codec 6-channel (5.1) audio subsystem with three analog audio outputs using the Sigmatel 9220* audio codec
Video	Intel® GMA 950 onboard graphics subsystem
USB	Support for USB 2.0 devices
LAN Support	The board provides one of the following: - Gigabit (10/100/1000 Mbits/sec) LAN subsystem using the Intel® 82573V/82574V Gigabit Ethernet Controller 10/100 Mbits/sec LAN subsystem using the Intel® 82562GX/82562GZ PLC device
Peripheral Interfaces	- Eight USB 2.0 ports - One serial port - One parallel port - Four Serial ATA interfaces - One parallel ATA IDE interface with UDMA 33, ATA-66/100 support - One diskette drive interface - PS/2 keyboard and mouse ports
Expansion Capabilities	The board provides one of the following: - Two PCI Conventional* bus connectors - One PCI Express* x1 bus add-in card connector - One PCI Express x16 bus add-in card connector

Related Products

Processors	• Intel® Pentium® D Processor • Intel® Pentium® 4 Processor • Intel® Celeron® D Processor
Chipsets	Intel® 945G Chipset
Intel® Desktop Boards Classic Series	Intel® Desktop Boards Classic Series
Intel® Desktop Boards Media Series	Intel® Desktop Boards Media Series