Mini-ITX / MicroATX-compatible

Intel® Desktop Board D410PT
+ Intel® Atom™ Processor D410

The Intel® Desktop Board D410PT also features the mini-ITX form factor. Backward-compatible with ATX and microATX, this form factor allows you to build green and energy-efficient solutions.

This board powers simple, affordable, and Internet-centric computer designs in a compact 170mm x 170mm size, allowing designers the ultimate in small chassis flexibility.

At an affordable price point, the Intel Desktop Board D410PT is not only suitable to serve as an entry-level desktop PC, but is ideal for innovative system usage models such as kiosks, call centers, home surveillance solutions, and entry-level home entertainment systems.
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The boxed Intel® Desktop Board D410PT solution includes:

- Integrated single-core Intel® Atom™ processor D410
- SATA cable
- Board and back panel I/O layout stickers
- Quick reference and product guides
- Intel® Express Installer driver and software DVD

The takeaway software included with the Intel® Desktop Board D410PT works best for your everyday computing.

<table>
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<th>CAPABILITY</th>
<th>SOFTWARE INCLUDED:</th>
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<tr>
<td>Productivity</td>
<td>• Intel® Integrator Assistant (Internet Download)</td>
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<td></td>
<td>• Laplink® PCmover® Express</td>
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<td>Entertainment</td>
<td>• DivX® for Windows®</td>
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<td>Antivirus</td>
<td>• Norton Internet Security®</td>
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Intel® Desktop Board D410PT
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Features and Benefits

1 Integrated with the new single-core Intel® Atom™ processor D410: Features an integrated graphics core (Intel® GMA 3150) with graphics performance improvements.

2 Intel® NM10 Express Chipset: Designed to support the new Intel® Atom™ processor.

3 Single-channel DDR2 with two connectors for 800 / 667 MHz memory support (4 GB1 max)

4 One PCI connector: Expansion connector for custom system configurations and future add-in card upgrades.

5 Two SATA ports (3.0 Gb/s)

6 Four-channel Intel® High Definition Audio2: Integrated audio stereo at an excellent value.

7 Integrated 10/100 Mb/s Network Connection

8 Eight Hi-Speed USB 2.0 ports: Four back panel ports and four additional ports via internal headers.

9 Two PS/2 ports: Support keyboard and mouse.

10 Mini-ITX / microATX-compatible form factor
**Intel® Desktop Board D410PT**  
* + Intel® Atom™ Processor D410  
**Technical Specifications**

**PROCESSOR**  
Processor Support  
- Intel® Atom™ processor D410 (single-core / 1.66 GHz / 512 KB L2 cache)

**CHIPSET**  
- Intel® NM10 Express Chipset

**Graphics**  
- Intel® Graphics Media Accelerator 3150

**I/O Controller**  
- Two SATA ports (fully shrouded)  
- Two PS/2 ports  
- Two Serial headers

**USB 2.0**  
- Four external ports  
- Four ports via headers

**Audio Solution**  
- 2*2-channel Intel® High Definition Audio*  
  (with multi-streaming)  
- Front-panel mic / headphone header

**10/100 Network Connection**  
- Realtek® 10/100 Mbps Ethernet Controller

**System BIOS**  
- 8 Mb Flash EEPROM with Intel® Platform Innovation Framework for EPI Plug and Play, IDE drive auto-configure  
- Advanced configuration and power interface V2.0b, DMI 2.0, multilingual support  
- Serial Peripheral Interface (SPI) Flash

**Intel® Rapid BIOS Boot**  
- Optimized FPOST for fast access to PC from power-on

**SYSTEM MEMORY**  
Memory Capacity  
- Single-channel DDR2 with two connectors for 800 / 667 MHz memory support (4 GB max*)

**Memory Types**  
- DDR2 800 / 667 SDRAM memory support  
- Non-ECC Memory

**Memory Voltage**  
- 1.8 V

**Wake-up from Network**  
- Wired for Management (WFM) 2.0 compatible  
- Support for system wake-up using an add-in network interface card with remote wake-up capability

**Expansion Capabilities**  
- One PCI connector

**JUMPERS AND FRONT-PANEL CONNECTORS**  
- Jumper: yellow  
- Header: black

**Front-Panel Connectors**  
- Reset, HD LED, Power LEDs, power on/off, aux LED  
- USB 2.0 headers  
- Audio header

**MECHANICAL**  
- Board Style:  
  - Intel® Atom™ Processor D410

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**For ordering information, visit www.intel.com  
For the most current product information, visit  