

**Fanless
Module**



One Engine, Many Applications

DIGITALENGINE

DEX4500 Series

Small Form Factor and low power consumption design

- 2.4L compact size: 200mm(L) x 200mm(W) x 60mm(H).
- Under 90W low power consumption with MoDT technology.
- Fanless design robust thermal solution.

Excellent performance

- Supports Intel® Core™ 2 Duo P8000, P9000 series TDP 25W dual core CPU with 667/800/1066MHz FSB.
- Intel® GM45+ICH9M chipset with GMA X4500MHD graphics engine, supports Microsoft® DirectX™ 10.
- Supports dual channel SO-DIMM DDR-II 667/800MHz memory up to 4GB.

Reliable features for applications

- Robust, rugged mechanical design with anti-shock and anti-vibration properties.
- Wide power range support from DC 12V~20V Input in most of industrial environments.
- Supports Watch Dog Timer function.
- Microsoft® Windows™ XP Embedded image service available

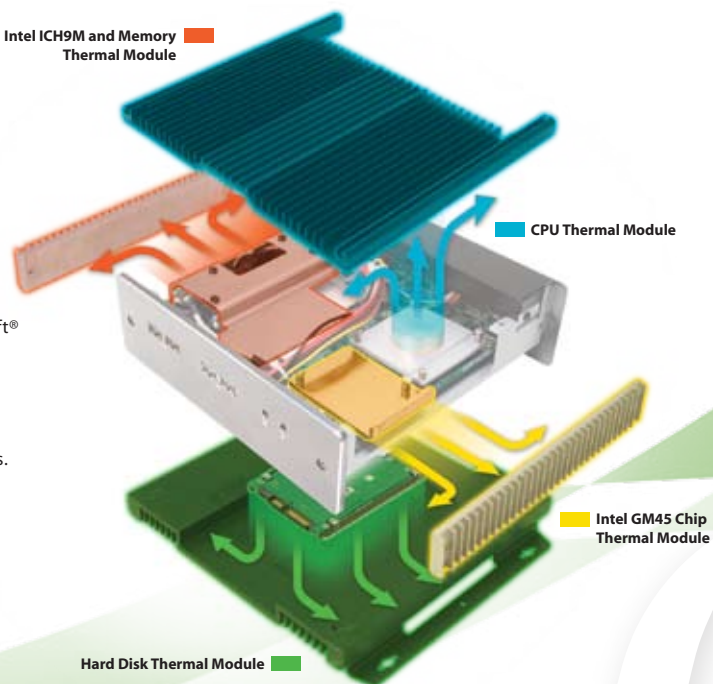
Multimedia features for Digital Signage

- Supports HDMI interface with HDCP protocol for high definition content output.
- Supports dual display through HDMI and DVI connectors.
- Full HD 1080p video playback ability.
- 7.1 channel audio output.

Extension features

- Supports SATA 2.0 2.5" internal hard disk drive.
- Provided e-SATA connector for external device such as hard disk drive or optical drive.
- Provided eight USB 2.0 ports for easy connect to most peripherals.
- Two mini Card slots for function extension.
- Provided RS232 port.
- Gigabit networking.

Intel ICH9M and Memory
Thermal Module



Hard Disk Thermal Module

HDCP
HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION



