

Processor

45nm Intel® Core™ 2 Duo Processor P8700 (2.53GHz) / P8800 (2.66GHz) / P8700 (2.53GHz), 3MB L2 Cache

45nm Intel® Core™ 2 Duo Processor P9700 (2.80GHz), 6MB L2 Cache, 1066FSB, 478uFC-PGA, Socket

45nm Intel® Core™ 2 Duo Processor T9600 (2.80GHz) / T9900 (3.06GHz), 6MB L2 Cache, 1066FSB

45nm Intel® Core™ 2 Extreme Processor X9100 (3.06GHz), 6MB L2 Cache, 1066FSB, 478uFC-PGA

45nm Intel® Core™ 2 Quad Processor Q9000 (2.0GHz), 6MB L2 Cache / Q9100 (2.26GHz), 12MB L2 Cache

45nm Intel® Core™ 2 Extreme Processor QX9300 (2.53GHz), 12MB L2 Cache, 1066FSB, 478uFC-PGA

Core Logic

NVIDIA® MCP79

Memory

64-bit wide DDRIII data channel

Two 204Pin SODIMM sockets, support for DDRIII 1066/1333MHz

JEDEC standard (E 32) and up to 8GB (have a memory limitation of 2.8 GB. Other hardware or application limitations may apply.)

BIOS

4MB Flash ROM BIOS

Display

18.4" (16:10) Full HD (1920x1080) TFT LCD

Graphics Processor

Dual nVIDIA® GeForce™ GTX 280M with 1GB DDR3 Video Memory in SLI mode
Microsoft® DirectX® 10 support
MXM 3.0
HDCP supported

Storage

3 Detachable 2.5" 9.5mm (H) SATA Hard Disk Drives (RAID 0/1 support)
1 12.7mm (H) Optical Drive Bay, SATA Interface,
Interchangeable with Super Multi DVD±R/RW Combo drive, or Blu-ray/DVD±R/RW Combo Drive

Audio System

Built-in High Definition Audio Interface
3D stereo enhanced sound system
Compatible Sound-Blaster PRO™
S/PDIF Digital output
2 Built-in Microphone
5 Built-in Speakers
1 Built-in Sub-woofer
Dolby surround supported

Pointing Device

Integrated Touchpad with Scrolling function

Keyboard

Full Sized Keyboard with Numeric Key Pad & Windows Hot keys

Integrated with Hot Keys for LCD Brightness, Suspend, Panel/CRT Display, Volume Control

Eight Touch Sensor Instant keys (Color key, Camera, Bluetooth, Silent mode, WLAN, Web, Sound effect)

Eight Unique Programmable Gaming Keys (G1~G8)

I/O Ports

1 DVI output Port (with CRT)

1 HDMI output Port (support HDCP)

3 USB 2.0 Ports

1 eSATA Port

1 Headphone Jack

1 Microphone Jack

1 Line-in Jack

1 S/PDIF output Jack

1 RJ-45 LAN (10/100/1000Mbps)

1 IEEE-1394a Fire Wire

1 RF-in Jack (Requires optional TV-Tuner Module)

1 CIR for TV remote controller

Slots

1 Express Card 34 / 54 Slot
7-in-1 Card Reader (MMC/RSMHC/MS/MS Pro/MS Duo/SD/Mini-SD)
2 MiniCard Slots for WLAN Module with PCIe interface and TV Tuner with USB interface

Communication

Built-in Gigabit Ethernet LAN
Bluetooth™ V2.1 module
Intel® 5300AGN 802.11a/b/g/n wireless LAN

Security

Kensington® Lock
Integrated Fingerprint Reader

Power System

1 Removable smart Lithium-Ion battery pack, 4650mAh
Full Range AC-in 100~240V, 47~63Hz, DC output: 20V, 11A 220W AC Adapter

Power Management

System Management Mode (SMM)
Suspend to HDD / DRAM
Full features of SMI Power Management, Doze, Sleep,
Suspend/Resume Mode

Physical Characteristic

12.50 LBs with Battery Pack
17.25" (w) x 11.75" (d) x 1.7" (h)

Other Features

Built-in 2.0M Digital Video Camera
Multi color luminous front vent, rear vent, and top cover logo.

Optional Modules

External USB ATSC HDTV / ANALOG TV-Tuner with Remote

Specifications are subject to change without notice

CONFIGURE

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