

EUROCOM Scorpius



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Key Features

Intel Chief River Platform

- Intel® Ivy Bridge processors – up to 3920XM
- Mobile Intel® HM77 Express chipset

32GB RAM Support

- 4 RAM slots – dual channel DDR3 1333/1600/1866MHz
- 2 DIMMS per channel with quad core processors only

Backlit keyboard

- Controllable via software or hotkeys
- Seven selectable colours
- Multiple lighting patterns - e.g. wave, breathing, flashing

Key Technology – Ivy Bridge

Ivy Bridge

- 3rd generation of Intel[®] Core processors
- 22nm evolution of Sandy Bridge micro-architecture
- ~20% performance increase over Sandy Bridge

Generation indicator – based on model

1st gen

2nd gen

3rd gen

i7 xxx

i7 2xxx

i7 3xxx

Key Technology - Chipset

Intel® HM77 Express Chipset

- Ivy Bridge processor support
- Native USB 3.0 support
- Two SATA 6Gbp/s ports (HDD 0,1)
- mSATA support (SATA 3Gbp/s)

Intel® Rapid Start Technology

- Resume system state in 5-6 seconds from hibernate
- Remembers computer state with zero power
- Requires SSD

Key Technology - VGA

Dual VGA ready

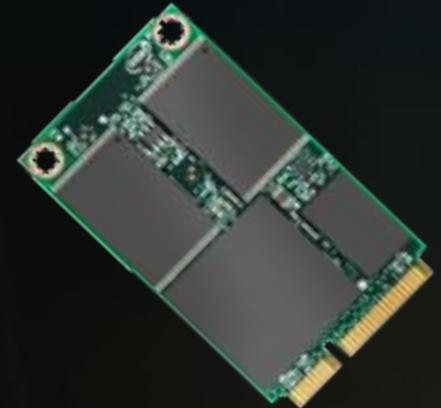
- Two MXM 3.0b slots
- Full SLI or CrossfireX support
- Support for the newest video cards
 - NVIDIA GTX 680M 4GB
 - AMD HD 7970M 2GB
 - NVIDIA Quadro K5000M 4GB
 - NVIDIA Quadro K4000M 4GB
 - NVIDIA Quadro K3000M 2GB

NO switchable graphics – Intel HD 4000 is NOT available

Key Technology - mSATA

mSATA

- Small footprint SSD
- Factory option – Crucial M4 or Intel 310/313 series
- Ready for Intel® Rapid Start – fast system resume
- Ready for Intel® Smart Response – SSD caching



Key Technology - Sound

Creative Sound Blaster X-Fi onboard

- Superior sound processing
- External 7.1CH support
- S/PDIF output

Onkyo Speakers

- Premium sound quality
- 2 x 2W speakers + subwoofer

Key Technology - TPM

Trusted Platform Module 1.2

- Hardware that securely stores passwords & keys
- Each TPM has a unique & secret RSA key
- Can be used to verify that system accessing is the 'expected' system
- TPM = more secure than software – hack resistant

TPMs are used in many fields including:

- Military
- Finance
- R&D
- Telecom

Design Principles

- Optimized for extreme VGA performance
- Long lifespan
- Fully upgradeable
- Heavy duty – designed for occasional abuse

Product Roles

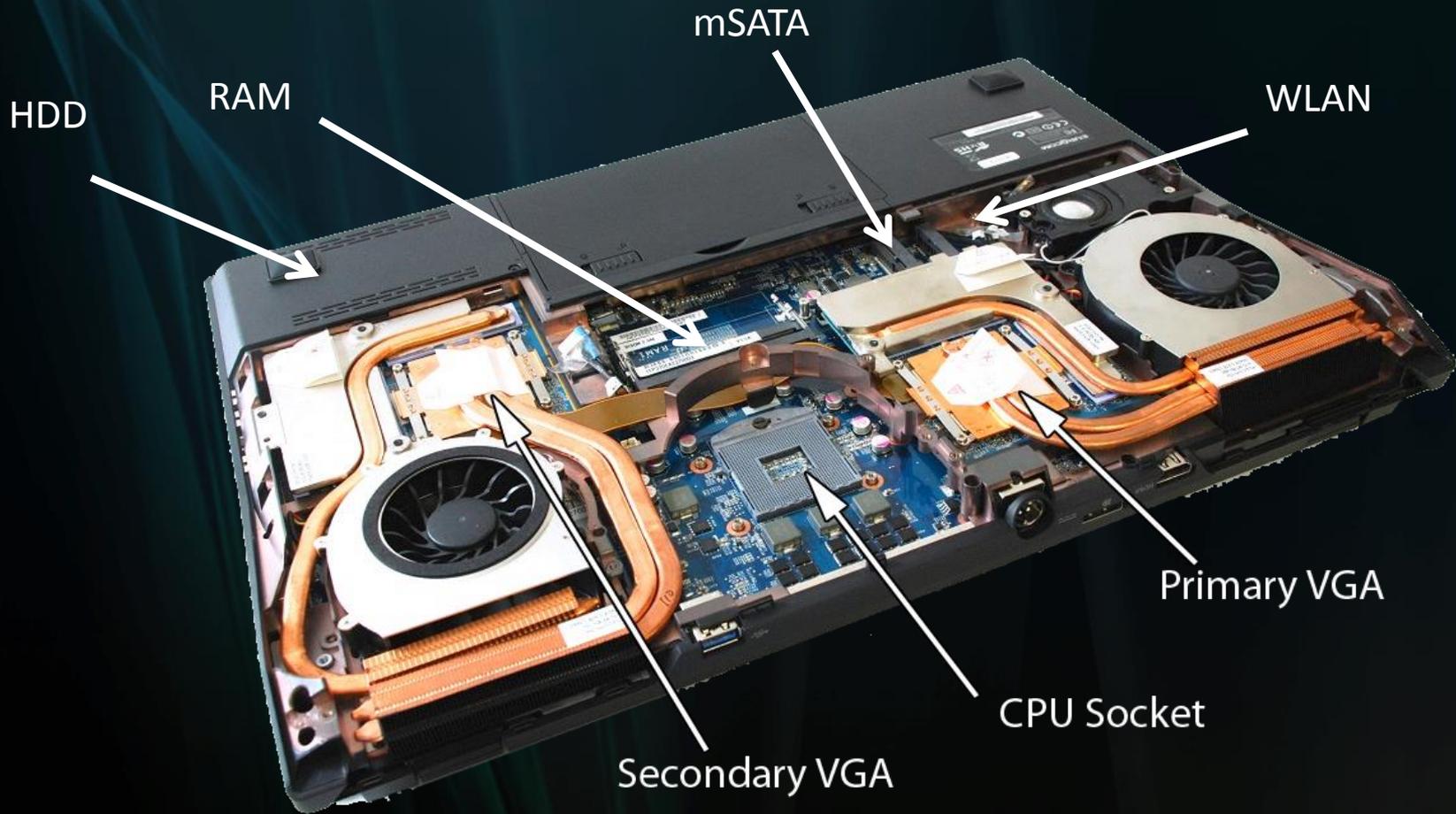
High end gaming platform

- Support for dual VGA cards (up to 8GB GDDR5)
- Scalable to meet current and next-gen game needs
- Capable of reaching max settings on current games

OpenGL workstation powerhouse

- Support for latest Quadro cards
- Ideal for engineers, 3D modelers, photo & video pros

Component Placement



Ports List

Left to right

Kensington lock slot
Gigabit LAN
SDXC/MMC/MS card reader
S/PDIF out
Line-in
Microphone in
Headphones/Speakers



Optical drive
USB 2.0/eSATA Combo
USB 3.0 x3



HDMI 1.4
DisplayPort 1.2
AC Power port
USB 3.0

