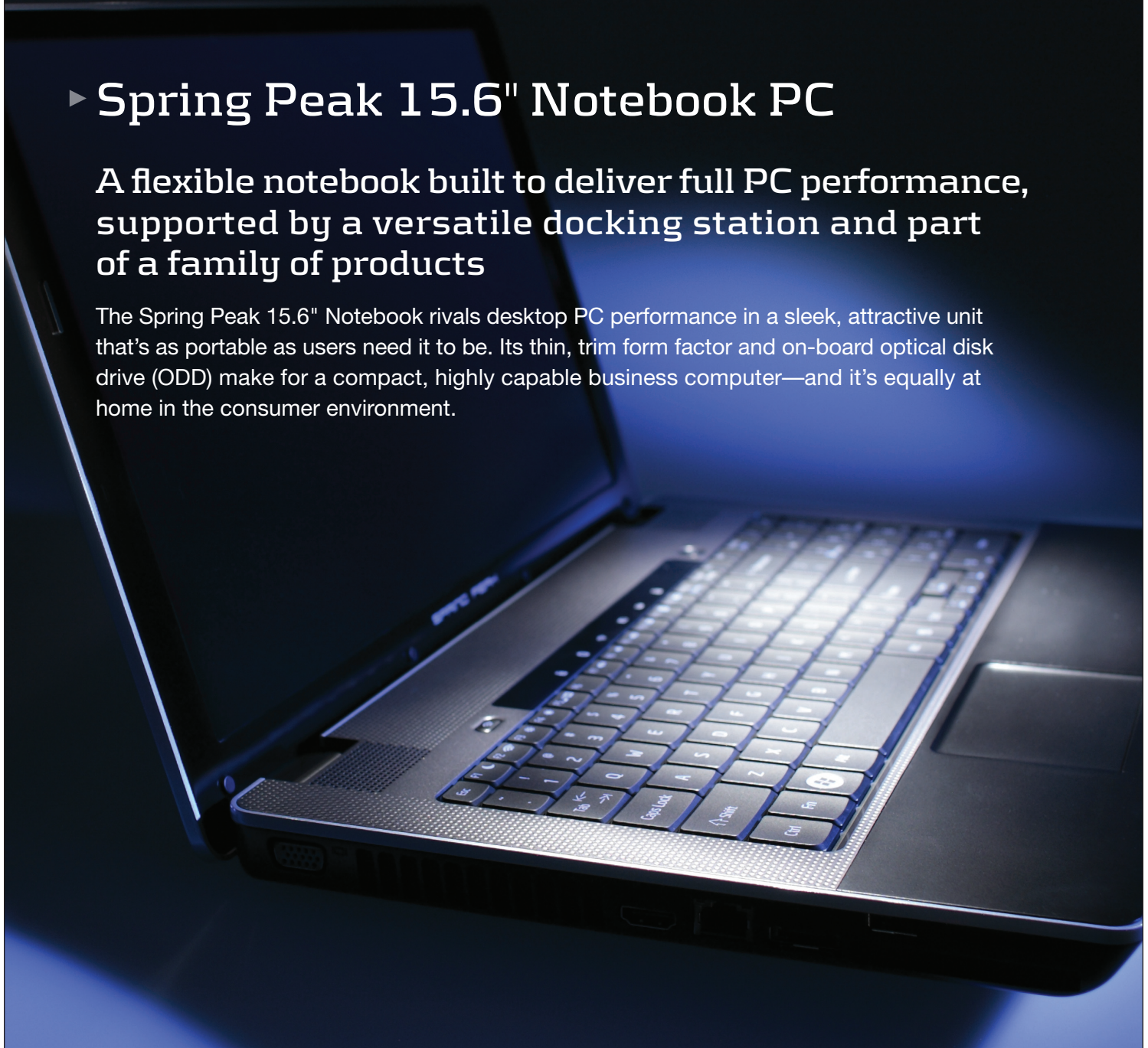# ▶ Spring Peak 15.6" Notebook PC

A flexible notebook built to deliver full PC performance, supported by a versatile docking station and part of a family of products

The Spring Peak 15.6" Notebook rivals desktop PC performance in a sleek, attractive unit that's as portable as users need it to be. Its thin, trim form factor and on-board optical disk drive (ODD) make for a compact, highly capable business computer—and it's equally at home in the consumer environment.

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Design and Styling Set it Apart

Built to cut a trim, modern profile, the Spring Peak 15.6" Notebook measures just 33.3mm uniform thinness, and the exterior (top) panel and keyboard border feature a unique dimpled texture for an enhanced tactile experience. Far from a generic notebook, the unit also includes an extended keyboard with full number keypad, integrated and discrete graphics options, dual speakers, keyboard-aligned touchpad, and black transparent window for icons. A configurable SATA ODD adds additional functionality to a wide array of I/O ports including HDMI, VGA, USB 2.0 (2), combo USB/eSATA, 3-in-1 card reader, bottom dock and Kensington* lock.

Equipped with Advanced Technology

The Spring Peak 15.6" Notebook is available with multiple Intel® processor and operating system options. To give users an efficiency and security advantage, select notebook SKUs are available with a full suite of the latest software, including:

- ► **Intel® Anti-Theft Technology** – Hardware-based security that protects your PC against asset and data loss when it is lost or stolen
- ► **Intel® IT Director** – A simple dashboard utility that improves security and data protection and provides alert monitoring for up to 25 networked PCs
- ► **Intel® My WiFi Technology** – Creates a WiFi PAN (Personal Area Network) that can include up to eight devices, plus the Internet
- ► **Configuration Center** – Manages hardware devices in a system, conserving power and tailoring the system to the user scenario
- ► **Always Aware** – Utilizes the system accelerometer to provide hard drive protection, system security and display orientation

Part of a Family of Products

When connected to the Spring Peak Docking Station, the Spring Peak 15.6" Notebook is just like a versatile desktop PC. The dock recharges the notebook and is equipped with a configurable optical disk drive (ODD) and full array of I/O ports, including:

- ► RJ45
- ► Headphone
- ► Microphone
- ► USB 2.0 (4)
- ► VGA
- ► DVI-D
- ► DC-in
- ► Kensington* lock

The Spring Peak line of mobile products also includes an ultra-thin, lightweight 13.3" notebook—perfect for on-the-go computing—and a versatile docking station that fits both PCs.

Foot recesses and a bottom connector secure the notebook to the dock, and a Kensington* lock delivers additional security. A rear eject level provides smooth release, and a unique side extender accommodates the 15.6" notebook.

Features and Benefits of the Spring Peak 15.6" Notebook PC

Feature	Benefit
Part of the Spring Peak family; shares common Spring Peak Docking Station with the Spring Peak 13.3" Notebook PC	Allows purchase of similarly styled notebooks (13.3" and 15.6") for different user needs without requiring separate docking stations; creates excellent end-user perception for complete product solutions
Sleek, lightweight design and compact footprint	Requires less physical space than similarly functioning desktop PCs; improves portability for on-the-go computing
On-board configurable optical disk drive (ODD)	Enables users to transfer data between two ODDs when notebook is connected to Spring Peak Docking Station
Full-featured application and Internet performance	Provides rich computing experience for diverse users, from consumer market to demand-heavy business environment
Optional UMA or discrete graphics	Helps resellers meet individual user graphics needs and preferences
Intel® hardware and software technology	Provides owner and user with increased reliability, system management, configurability, security and peace of mind
Unique dimpled texture and refined styling	Increases visual appeal and differentiates Spring Peak from generic, unbranded laptops; creates a common look and feel across the family of products

Specifications

Dimensions
389.3mm x 248.5mm x 33.3mm

Weight (kg)
Approximately 2.6kg with battery pack
and LED LCD

CPU
- ▶ Intel® Core™ i7 Dual Core Processors
- ▶ Intel® Core™ i5 Dual Core Processors
- ▶ Intel® Core™ i3 Dual Core Processors

Chipset
Mobile Intel® HM55 Express Chipset

Memory
Dual-channel DDR3 SO-DIMMs support,
up to 8GB with 2 SO-DIMMs

ODD
12.7mm SATA ODD

HDD
9.5mm, 2.5" SATA HDD support

Display
15.6" 16:9 aspect ratio LED LCD (5mm)

Graphics
Integrated (UMA) graphics or optional discrete
graphics (nVidia* N11P with 1GB GDDR3)

Audio
Two-channel HD audio; microphone-in and
headphone-out; two stereo 1.5W speakers;
volume control through keyboard function keys

Microphone
Analog microphone

ExpressCard
54mm ExpressCard

Communication
- ▶ LAN: 10/100/1000 LAN
- ▶ WLAN: Support 802.11 a/g/n
- ▶ WiMax (optional): Support 802.16
- ▶ 3G module (optional):
  Support 3G module via minicard
- ▶ Camera: 1.3MP minimum
- ▶ Bluetooth (optional)

Keyboard
Extended keyboard with full number keypad and function keys for volume up/down/mute, LED brightness, sleep, WLAN/WiMAX on/off, 3G on/off, Bluetooth on/off, and camera on/off

Pointing device
Touchpad

Media card reader
3-in-1 card reader (SD, MMC, MS)

I/O ports
▶ One (1) RJ45
▶ One (1) Headphone-out
▶ One (1) Microphone-in
▶ One (1) 3-in-1 card reader
▶ Three (3) USB 2.0
▶ One (1) USB 2.0/eSATA (Discrete Graphics only)
▶ One (1) VGA
▶ One (1) HDMI (Discrete Graphics only)
▶ One (1) DC-in
▶ One (1) Kensington* lock
▶ One (1) Bottom dock
▶ One (1) SIM slot (Discrete Graphics only)

Dock
Compatible with Spring Peak Docking Station

Security
Kensington* lock; lockable through dock station; Always Aware software

Control buttons
One (1) power button
One (1) WiFi on/off button

AC adapter
65W AC adapter for integrated graphics; 90W AC adapter for discrete graphics

Battery pack
Li-ion 54Whr

OS
▶ Windows XP* (32-bit) support
▶ Windows Vista* (32-bit) support
▶ Windows 7* (32-bit) support

Mini cards
▶ One (1) full-height slot
▶ One (1) half-height slot

System status indicators
▶ One (1) LED for Power
▶ One (1) LED for Power Status
▶ One (1) LED for Battery Status (Charging/Full/L1/L2)
▶ One (1) LED for HDD Activity
▶ One (1) LED for wireless LAN and Bluetooth
▶ One (1) LED for Caps Lock
▶ One (1) LED for Num Lock
▶ One (1) LED for Wireless 3G

Intel® technology and value-add software
▶ Intel® Anti-Theft Technology
▶ Intel® IT Director
▶ Intel® My WiFi Technology (available only with Intel® WiFi Link 5000/6000 series)
▶ Configuration Center
▶ Always Aware

The Spring Peak 15.6" Notebook PC presents an outstanding opportunity for local OEMs and their customers. For more information, please contact:

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intel CORE i7 inside