# HP recommends Windows® 7.



### eBook 8460w Mobile Workstation ilable in all regions)



HP EliteBook 8560w Mobile Workstation

· Portable Powerhouse.

• Genuine Windows® 7 Professional\*\*

• Genuine Windows® 7 Home Premium\*\*

Genuine Windows® Vista® Home Basic\*\*\*



**HP EliteBook 8760w Mobile Workstation** 

	HP EliteBook 8460w Mobile Workstation (Not available in all regions)
Overview	Lightweight. Heavy Hitter.
Operating systems	Genuine Windows® 7 Professional** Genuine Windows® 7 Home Premium** Genuine Windows® 7 Home Basic*** Genuine Windows® Vista® Home Basic*** FreeDOS
Processor/chipset/ system bus	Intel® Core™ i5 or i7 Mobile Processor Family with Intel® Turbo Boost Technology!.2.3,12,13     Mobile Intel QM67 Chipset     Intel vPro Technology (optional)
Slots available/maximum memory/number of memory channels <sup>4</sup>	16 GB, 1333 MHz DDR3 SDRAM (Two SODIMMS for a total of 16 GB of memory)
Expansion slots	<ul><li>1 Express Card/54</li><li>1 Secure Digital/MMC Media Reader</li></ul>
Graphics	<ul> <li>AMD FirePro™ M3900 with 1 GB dedicated GDDR3 video with AMD Eyefinity Technology for advanced multi-monitor support</li> </ul>
Displays	Choice of 14.0-in diagonal LED-backlit HD anti-glare (1366 x 768) or 14.0-in diagonal LED-backlit HD+ anti-glare (1600 x 900)
Controllers and HDs <sup>6,7</sup>	• 250/320/500/720 GB 7200 rpm SMART

 Intel<sup>®</sup> Core<sup>™</sup> i5 or i7 Mobile Processor Family with Intel<sup>®</sup> Turbo Boost Technology<sup>1,2,3,12,13</sup> Iurbo Boost Technology<sup>1,2,3,1</sup>
 Mobile Intel QM67 Chipset

• 32 GB, 1333 MHz DDR3 SDRAM (Four SODIMMS for a total 
• 32 GB, 1333 MHz DDR3 SDRAM (Four SODIMMS for a total of 32 GB of memory is available on quad-core systems only.)

Power to Perform

• Genuine Windows® 7 Professional\*\* Genuine Windows® 7 Home Premium\* • Genuine Windows® Vista® Business\*\*\*

• Genuine Windows® Vista® Home Basic\*\*\*

Intel® Core™ i5 or i7 Mobile Processor Family with Intel® Turbo Boost Technology¹.2,3,12,13
 Mobile Intel QM67 Chipset

of 32 GB of memory is available on quad-core systems only.)

 AMD FirePro<sup>™</sup> M5950 with 1 GB dedicated GDDR5 video memory with AMD Eyefinity Technology for advanced nulti-monitor support NVIDIA Quadro 1000M with 2 GB dedicated GDDR3

1 Express Card/541 Secure Digital/MMC Media Reader

video (supports multiple external monitors via optional docking station)

NVIDIA Quadro 2000M with 2 GB dedicated GDDR3

video (supports multiple external monitors via optional docking station)

1 Express Card/54 • 1 Secure Digital/MMC Media Reader

memory with AMD Eyefinity Technology for advanced multi-monitor support NVIDIA Quadro 3000M with 2 GB dedicated GDDR5 video memory (supports multiple external monitors via

AMD FirePro™ M5950 with 1 GB dedicated GDDR5 video

optional docking station)

NVIDIA Quadro 4000M with 2 GB dedicated GDDR5

video memory (supports multiple external monitors via optional docking station)

NVIDIA Quadro 5010M with 4 GB dedicated GDDR5 video memory (supports multiple external monitors via optional docking station)

Choice of 17.3-inch diagonal LED-backlit WVA anti-glare HD+ (1600 x 900), 17.3-inch diagonal LED-backlit WVA anti-glare FHD (1920 x 1080), or 17.3-in diagonal LED-backlit UWVA anti-glare FHD DreamColor (1920 x 1080)

 320/500/750 GB 7200 rpm SMART SATA II HDD, 320 GB 7200 rpm SED with HP 3D DriveGuard (Microsoft 250/320/500/720 GB 7200 rpm SMART SATA II HDD, 320 GB 7200 rpm SED with HP 3D DriveGuard (Microsoft Windows® required) • 128/160/256 GB Solid State Drive, 256 GB SED

Windows® required)
• 128/256 GB Solid State Drive, 256 GB SED Solid State Drive

Choice of 15.6-in diagonal LED-backlit WVA anti-glare HD+ (1600 x 900), 15.6-in diagonal LED-backlit WVA anti-glare FHD (1920 x 1080) or 15.6-in diagonal LED-backlit UWVA anti-glare FHD DreamColor (1920 x 1080)

320/500/750 GB 7200 rpm SMART SATA II HDD, 320 GB 7200 rpm SED with HP 3D DriveGuard (Microsoft Windows® required)
 128/256 GB Solid State Drive, 256 GB SED Solid State Drive
 Secondary storage also available on HP 8760w

Optical drives<sup>8,9,10</sup>

 12.7 mm SATA optical drive or secondary hard drive: Blu-ray R/RE DVD+/-RW SuperMulti DL Drive, DVD+/-RW SuperMulti DL Drive, 500 GB 7200 rpm HDD (supports 'Weight Saver' option)

12.7 mm SATA optical drive or secondary hard drive: Bluray R/RE DVD+/-RW SuperMulti DL Drive, DVD+/-RW SuperMulti DL Drive, 500 GB 7200 rpm HDD, 320 GB 7200rpm SED HDD

Integrated Intel 82579LM Gigabit Network
 Connection (vPro) and 56K v.92 modem
 Optional HP hs2340 HSPA+ Mobile Broadband Module

12.7 mm SATA optical drive or secondary hard drive: Blu-ray R/RE DVD+/-RW SuperMulti DL Drive, DVD+/-RW SuperMulti DL Drive, 500 GB 7200 rpm HDD

Communications<sup>1</sup> Integrated Intel 82579LM Gigabit Network

Connection (vPro) and 56K v.92 modem Optional HP hs2340 HSPA+ Mobile Broadband Module Optional HP un2420 EV-DO/HSPA Mobile

Broadband Module Intel® Centrino® 802.11a/b/g/n
 Bluetooth®14 2.1+ EDR Wireless Technology

• HP Connection Manager 4.0

Bluetooth®14 2.1+ EDR Wireless Technology

HP Connection Manager 4.0

Optional HP un2420 EV-DO/HSPA Mobile

Connection (vPro) and 56K v.92 modem
• Optional HP hs2340 HSPA+ Mobile Broadband Module

Optional HP un2420 EV-DO/HSPA Mobile Broadband Module

Intel® Centrino® 802.11a/b/g/n
 Bluetooth®14 2.1+ EDR Wireless Technology

Integrated Intel 82579LM Gigabit Network

• HP Connection Manager 4.0

Linux available 2nd calendar quarter 2012 (CQ2'12)

\*\* Windows 7 systems may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality See www.microsoft.com/windows/windows-7 for details

\*\*\* Certain Windows Vista product features require advanced or additional hardware. See www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and www.microsoft.com/windowsvista/getready/capable.mspx for details Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor

Dual-, Quad-, Six- and Eight-Core technologies are designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefits. Not all customers or software applications will necessarily benefit from use of these technologies.

Intel's numbering is not a measurement of higher performance.

\*\*HINES TRUINDERING IS NOT a measurement or higher performance.\*\*

3 64-bit computing on Intel architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. See www.intel.com/info/em64t for more information.

4 Each processor supports up to 2 channels (HP Z210 CMT/HP Z210 SFF) or 4 channels (HP Z420/HP Z620/HP Z820) of DDR3 memory. To realize full performance at least 1 DIMM must be inserted into each channel. To get full 8 channel support, 2 processors MUST be installed.

o channel support, 2 processors MUSI be installed.

5 NVIDIA Tesla C2075 on the HP Z820 requires the 1125W power supply.

5 NVIDIA Tesla C2075 on the HP Z820 requires the 1125W power supply.

5 SATA hardware RAID is not supported on Linux systems. The Linux kernel, with built-in software RAID, provides excellent functionality and performance. It is a good alternative to hardware-based RAID. Please visit http://h20000.www2.hp.com/bc/docs/support/SupportManual/c00060684/c00060684.pdf for RAID capabilities with Linux. HP Z200 does not support RAID 10 Because of drive bay limitation.

7 For hard drives, 1 GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 8 GB of hard drive (or system disk) is reserved for the system recovery software for Windows XP and XP Pro, up to

12 GB for Windows Vista, and up to 20 GB for Windows 7.

Double Layer discs can store more date than single layer discs. However, double-layer discs burned with this drive may not be compatible with many existing single-layer DVD drives and players.

As Blu-Ray is a new format containing new technologies, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this workstation.

Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyright protected materials. Intended for creation and storage of your original material and other lawful uses. Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided – Version 1.0 media.

The term "10/100/1000" or "Gigabit" Ethernet indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/sec. For high speed transmission, connection to a

Gigabit Ethernet server and network infrastructure is required.

This workstation does not support the Intel Core 2 Extreme processor over-clocking feature.

13 Intel® Turbo Boost technology requires a PC with a processor with Intel Turbo Boost apability. Intel Turbo Boost performance varies depending on hardware, software, and overall system configuration.

See www.intel.com/technology/turboboost for more information.

Bluetooth is a trademark owned by its proprietor and used by Hewlett-Packard Company under license.

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4AA2-5139ENW, May 2012

HP recommends Windows® 7.



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# Meet Our HP Workstation Family—Compare Features







## HP 7210 SFF

	HP Z I	HP Z210 SFF
Overview	Power without the tower.	Small package. Big punch.
Operating systems	<ul> <li>Genuine Windows® 7 Professional 32-Bit</li> <li>Genuine Windows® 7 Professional 64-bit</li> <li>HP Linux Installer Kit*</li> <li>SUSE Linux Enterprise Desktop 11 *</li> <li>Red Hat Enterprise Linux Desktop/Workstation* (1 year paper license; no preinstalled OS)</li> </ul>	Genuine Windows® 7 Professional or other editions available HP Installer Kit for Linux* (includes drivers for both 32-bit and 64-bit OS versions of Red Hat Enterprise Linux and SUSE Linux Enterprise Desktop 11) SUSE Linux Enterprise Desktop 11* Red Hat Enterprise Linux Desktop/Workstation* (1 year paper license; no preinstalled OS)
Processor/chipset/system bus	Intel® Core™ i3-2000 Processor Series     Intel® Xeon® Processor E3-1200 Series¹.23     Intel® C206 Chipset	2 <sup>nd</sup> Generation Intel® Core <sup>™</sup> i3, i5, and i7 Processors and Intel® Xeon® Processor E3 Series <sup>1,2,3</sup> Intel® C206 Chipset
Slots available/maximum memory/number of memory channels <sup>4</sup>	<ul> <li>4 DIMM slots, up to 32 GB, DDR3 ECC/ 8 GB DDR3 nECC, 1600MHz</li> <li>2 channels per CPU</li> </ul>	<ul> <li>4 DIMM slots, up to 16 GB, DDR3 1333 MHz</li> <li>2 channels per CPU</li> </ul>
Expansion slots	1 PCIe x 16 full     3 miniPCle	1 PCI Express Gen2 x16 mechanical/x16 electrical 1 PCI Express Gen2 x16 mechanical/x4 electrical 1 PCI Express Gen2 x1 mechanical/x1 electrical 1 PCI (All slots are low profile)
Graphics	<ul> <li>Intel® HD Graphics 2000 (Intel® Core™ processors)</li> <li>Intel® HD Graphics P3000 (Intel® Xeon® E3-1xx5processors)</li> <li>NVIDIA Quadro 500M</li> <li>NVIDIA Quadro 1000M</li> <li>NVIDIA Quadro 3000M</li> <li>NVIDIA Quadro 4000M</li> </ul>	Intel® HD Graphics 2000 (Intel® Core™ processors) Intel® HD Graphics P3000 (Intel® Xeon® E3-1xx5 processors) AMD FirePro™ 2270 NVIDIA Quadro NVS 295 NVIDIA NVS 300 AMD FirePro™ V3800 NVIDIA Quadro 400 NVIDIA Quadro 600
Maximum supported displays	Supports up to one external display via display port	• 4 displays
Controllers and HDs <sup>6,7</sup>	<ul> <li>Integrated Serial ATA interfaces (2x 6Gb/s SATA, 1x 3Gb/s SATA)</li> <li>SATA 7200 3.5-in. drives: 250, 500 GB, 1, 2 TB</li> <li>SATA 10K 2.5-in. drives: 300, 600 GB</li> <li>SATA Solid State drives: 160, 300 GB</li> </ul>	<ul> <li>Integrated SATA 3 Gb/s or 6 Gb/s controller, RAID 0, 1 capable</li> <li>Up to (2) 3.5-inch 7200 rpm SATA drives: 250, 500 GB, 1, 2 TB max</li> <li>Up to (2) 2.5-inch 10K rpm SATA drives: 160, 300 GB, 0.6 TB max</li> <li>Up to (2) 2.5-inch SATA SSD drives: 128, 160, 256, 300 GB, 0.6 TB max</li> </ul>
Optical drives <sup>8,9,10</sup>	DVD +/- RW Super-Multi Slot-Load     Blu-ray Writer Slot-Load	DVD-ROM     DVD+/-RW DL Super Multi     Blu-Ray writer     22-in-1 Media Card Reader
Communications <sup>11</sup>	<ul><li>Intel Gb LAN</li><li>Wireless</li><li>Bluetooth</li></ul>	<ul> <li>Intel 82579 GbE (Intel® vPro™ with AMT 7.0)</li> </ul>



# HP Z210 CMT

- Genuine Windows® 7 Professional or other editions available
- HP Installer Kit for Linux\* (includes drivers for both 32-bit and 64-bit OS versions of Red Hat Enterprise Linux and SUSE Linux Enterprise Desktop 11)
- SUSE Linux Enterprise Desktop 11 \* Red Hat Enterprise Linux Desktop/Workstation\*

• Low cost. High performance.

- (1 year paper license; no preinstalled OS)
  - 2<sup>nd</sup> Generation Intel® Core™ i3, i5, and i7 Processors and Intel® Xeon® Processor
  - Intel® C206 Chipset
  - 4 DIMM slots, up to 32 GB, DDR3 1333 MHz • 2 channels per CPU

• 2 PCI slots (full-height, full-length)

1 PCI Express Gen2 slot x8 mechanical/x4 electrical

Intel® HD Graphics 2000 (Intel® Core™ processors)

Intel® HD Graphics P3000 (Intel® Xeon® E3-1xx5

- AMD FirePro<sup>™</sup> 2270 • NVIDIA Quadro 400
  - NVIDIA Quadro 600

NVIDIA NVS 300

• NVIDIA Quadro NVS 295

processors)

- AMD FirePro™ V3800
- AMD FirePro<sup>™</sup> V4800 AMD FirePro<sup>™</sup> V4900
- NVIDIA Quadro 2000
- AMD FirePro<sup>™</sup> V5900

• 4 displays

- NVIDIA Quadro 4000 (AMO only)
- Integrated SATA 3 Gb/s or 6 Gb/s controller,
- RAID 0, 1, 5, capable

   Up to (3) 3.5-inch 7200 rpm SATA drives: 250, 500 GB, 1, 1.5, 2, 6 TB max
- Up to (3) 2.5-inch 10K rpm SATA drives: 160,
- Up to (3) 2.5-inch SATA solid state drives: 128,
- 160, 256, 300 GB, 0.9 TB max
- 300, 600 GB, 1.8 TB max

- Up to (4) 2.5-inch 10K rpm SAS drives: 300, 600 GB, 2.4 TB max • Up to (4) 3.5-inch 15K rpm SAS drives: 300, 450,

Expand your power.

HP Linux Installer Kit\*

Intel® C602 Chipset

DDR3 1600 MHz

• 4 channels per CPU

• 1 Legacy PCI

NVIDIA NVS 300

AMD FirePro™ 2270

NVIDIA Quadro 410

AMD FirePro™ V3900

NVIDIA Quadro 600

AMD FirePro<sup>TM</sup> V4900

NVIDIA Quadro 2000

AMD FirePro<sup>TM</sup> V5900

NVIDIA Quadro 4000

AMD FirePro™ V7900

NVIDIA Quadro 5000

NVIDIA Goddio 3000
 NVIDIA Tesla C2075

• 8 displays

NVIDIA Quadro NVS 450

NVIDIA NVS 310

• 2 PCI Express Gen2 slots x1 mechanical/x1 electrical • 2 PCI Express Gen3 x16 mechanical/electrical

• 1 PCI Express Gen2 slot x16 mechanical/x4 electrical

• 1 PCI Express Gen2 slot x16 mechanical/x16 electrical • 1 PCI Express Gen3 x8 mechanical/electrical

Genuine Windows® 7 Professional 32-Bit

• Genuine Windows® 7 Professional 64-bit

Red Hat Enterprise Linux Desktop/Workstation\*

(1 year paper license; no preinstalled OS)

• Intel® Xeon® Processor E5-1600 Series<sup>1,2,3</sup>

• 8 DIMM slots, up to 64 GB ECC unbuffered

1 PCI Express Gen2 x4 mechanical/x1 electrical

Genuine Windows® 7 Ultimate 64-bit

SUSE Linux Enterprise Desktop 11 \*

- 600 GB, 2.4 TB max • Up to (4) 2.5-inch SATA solid state drives: 128,
- 160, 256, 300 GB, 1.2 TB max · Note: Fourth drive occupies one external

Integrated 6-channel SATA controller: 2 ports 6 Gb/s + 4 ports 3 Gb/s, RAID 0, 1, 5, 10 capable

Optional SAS controller: LSI 9212-4i 4-port

SAS/SATA 6 Gb/s, RAID 0, 1, 10 capable

Up to (4) 3.5-inch 7200 rpm SATA drives: 250, 500 GB, 1, 2, 3 TB, 11 TB max

- 5.25-inch bay
- DVD-ROM
- DVD+/-RW DL Super Multi • DVD+/-RW DL Super-Multi

Intel 82579 GbE (Intel® vPro™ with AMT 7.0)

22-in-1 Media Card Reader

DVD-ROM

- - 22-in-1 Media Card Reader
    - Integrated Intel GbE LAN

    - Optional Broadcom NIC
    - Infineon TPM 1.2 Controlle
    - Optional Intel NIC

- Optional Intel NIC

5.25-inch bay

DVD-ROM

• DVD+/-RW

Slot-load DVD+/-RW

Blu-ray Writer22-in-1 Media Card Reader

Dual integrated Intel GbE LANInfineon TPM 1.2 Controller Optional Broadcom NIC

**HP Z620** 

· Versatility redefined, still compact.

Genuine Windows® 7 Professional 32-Bit

• Genuine Windows® 7 Ultimate 64-bit

HP Linux Installer Kit\*

• Intel® C602 Chipset

slots with 2nd CPU

2 PCI Express Gen3 x 16

• 1 PCI Express Gen3 x8

1 Legacy PCI

NVIDIA NVS 300

NVIDIA NVS 310

AMD FirePro™ 2270

NVIDIA Quadro 410

AMD FirePro™ V3900

NVIDIA Quadro 600

AMD FirePro<sup>TM</sup> V4900

NVIDIA Quadro 2000

AMD FirePro<sup>™</sup> V5900

NVIDIA Quadro 4000

AMD FirePro™ V7900

NVIDIA Quadro 5000

NVIDIA Quadro 6000

Integrated 6-channel SATA controller: 2 ports 6 Gb/s + 4 ports 3 Gb/s, RAID 0, 1, 5, 10

Optional SAS controller: LSI 9212-4i 4-port SAS

6 Gb/s RAID 0, 1, 10 capable
Up to (4) 3.5-inch 7200 rpm SATA drives: 250,

· Up to (4) 2.5-inch 10K rpm SAS drives: 300,

Up to (4) 3.5-inch 15K rpm SAS drives: 300,

• Up to (4) 2.5-inch SATA solid state drives: 128,

600 GB SFF, 2.4 TB max

450, 600 GB, 2.4 TB max

160, 256, 300 GB, 1.2 TB max

· Note: Fourth drive occupies one external

NVIDIA Tesla C2075

• 8 displays

capable

NVIDIA Quadro NVS 450

Genuine Windows® 7 Professional 64-bit

Red Hat Enterprise Linux Desktop/Workstation

(1 year paper license; no preinstalled OS)

• Intel® Xeon® Processor E5-2600 Series<sup>1,2,3</sup>

• Up to 96 GB ECC DDR3 1600 MHz

• 4 channels per CPU, up to 8 channels

- Infineon TPM 1.2 Controller
- Optional Broadcom NIC

- - **HP Z820**
- Ultimate performance for ultimate projects Genuine Windows® 7 Professional 32-Bit
- Genuine Windows® 7 Professional 64-bit
- Genuine Windows® 7 Ultimate 64-bit
- HP Linux Installer Kit\*
- Red Hat Enterprise Linux Desktop/Workstation (1 year paper license; no preinstalled OS)
- Intel® Xeon® Processor E5-2600 Series<sup>1,2,3</sup>
- Intel® QuickPath Technology
- Intel® C602 Chipset

- Up to 12 DIMM slots, 8 slots standard + 4 more 16 DIMM slots, 8 available with each installed processor
  - Up to 512 GB ECC DDR3 1600 MHz
  - 4 channels per CPU, up to 8 channels
  - 3 PCI Express Gen3 x16
  - 1 PCI Express Gen3 x 16 mechanical/x8 electrical
- 1 PCI Express Gen2 x8 mechanical/x4 electrical 1 PCI Express Gen3 x8 mechanical/x4 electrical
- 1 PCI Express Gen2 x4 mechanical/x1 electrical 1 PCI Express Gen2 x8 mechanical/x4 electrical
  - 1 Legacy PCI

  - NVIDIA NVS 300
  - NVIDIA NVS 310
  - AMD FirePro™ 2270 NVIDIA Quadro 410
  - AMD FirePro<sup>™</sup> V3900
  - NVIDIA Quadro 600
  - AMD FirePro<sup>TM</sup> V4900
  - NVIDIA Quadro 2000
  - AMD FirePro<sup>TM</sup> V5900
  - NVIDIA Quadro 4000 AMD FirePro<sup>™</sup> V7900
  - NVIDIA Quadro 5000
  - NVIDIA Quadro 6000 NVIDIA Tesla C2075<sup>5</sup>

  - 8 displays
  - Integrated 2-channel SATA 6 Gb/s controller, RAID
  - 0. 1 capable Integrated 4-channel SATA 3 Gb/s controller, RAID 0, 1, 5, 10 capable
  - Integrated 8-channel SAS 6Gb/s controller, RAID 0, 1, 10 capable
  - Optional LSI 9260-8i 8-port 6Gb/s SAS HW RÁID 0, 1, 5, 10 capable
  - Up to (5) 3.5-inch 7200 rpm SATA drives: 250, 500 GB, 1, 2 TB, up to (4) 3 TB, 14 TB max Up to (6) 2.5-inch 10K rpm SAS drives: 300, 600
  - GB SFF, 3.6 TB max

     Up to (5) 3.5-inch 15K rpm SAS drives: 300,
  - 450, 600 GB, 3 TB max
  - Up to (6) 2.5-inch SATA solid state drives: 128, 160, 256, 300 GB, 1.8 TB max
  - DVD+/-RW Super-Multi and Slot-Load

DVD-ROM

- Blu-ray Writer
- Dual integrated Intel GbE LAN
- Optional Intel NIC