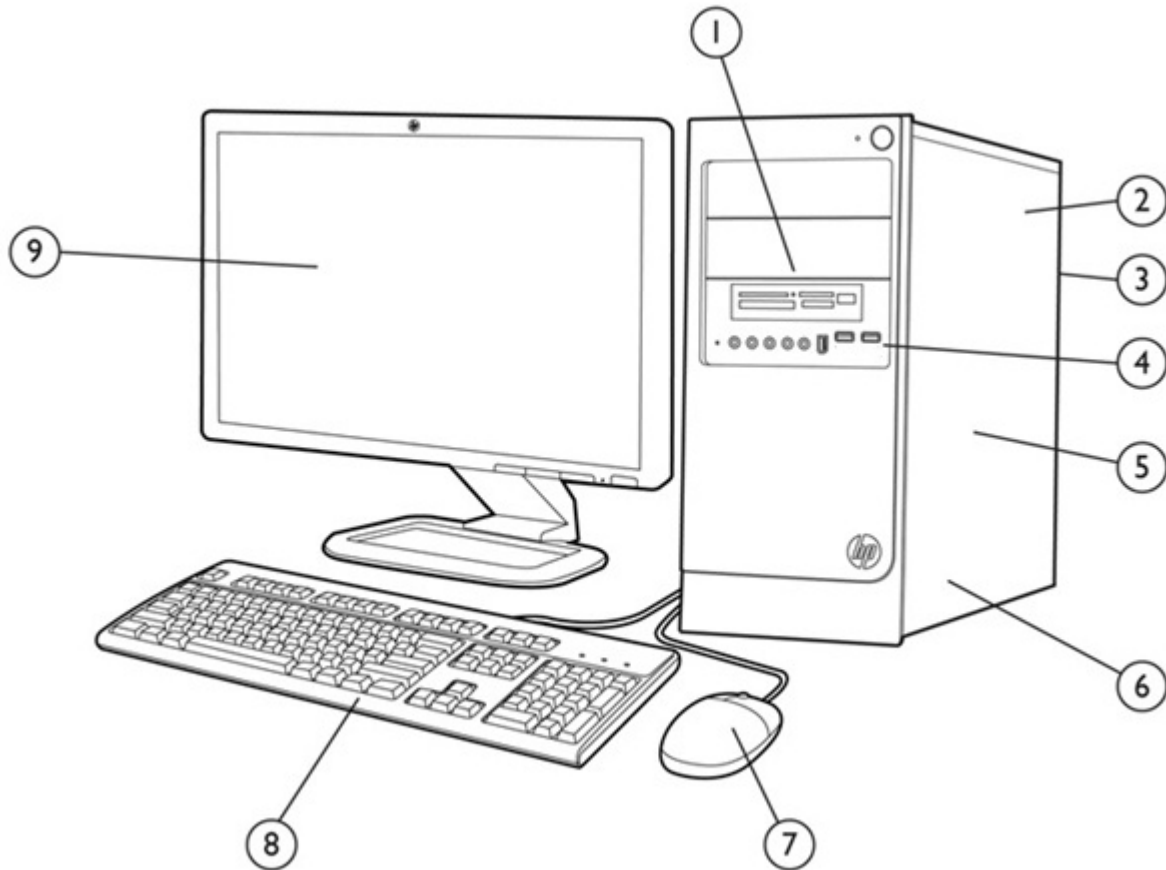


### Overview

### HP ELITE 7500 MICROTOWER BUSINESS PC



1. Two external 5.25" drive bays for optional optical drives
2. 300W aPFC standard efficiency power supply
3. Rear I/O includes: four USB 2.0 ports, SPDIF out, RJ-45 network interface, DVI-I & DVI-D video interfaces, , microphone jack, audio in/out jacks, 7.1 channel audio jacks
4. Optional media card reader; front I/O includes two USB 3.0 ports, dedicated headphone output, microphone jack
5. Two internal storage drive bays
6. Expansion slots include three PCIe x1 slots, one PCIe x16 slot and one PCIe mini-card slot
7. USB Optical Mouse
8. USB Keyboard
9. HP Display (sold separately)

### Overview

#### At A Glance

- Windows 8 Pro (64-bit), Windows 8 (64-bit), Windows® 7 Professional Edition (32- and 64-bit), Windows 7 Ultimate Edition (32 and 64-bit), Windows 7 Home Premium Edition (32 and 64-bit), Windows 7 Home Basic Edition (64-bit), FreeDOS, Ubuntu
- Expandable microtower chassis.
- Intel Z75 Express chipset supporting Intel 2nd and 3rd generation Core processors featuring Intel HD Graphics
- Integrated Realtek 8111E Gigabit Ethernet Controller
- DDR3 Synchronous Dynamic Random Access Memory (SDRAM)
- Dual independent monitor support via DVI-I and DVI-D video interfaces
- 300W aPFC standard efficiency power supply
- Tool-less serviceability features for easier upgrades and repairs
- Protected by HP Services; terms and conditions vary by country; certain restrictions and exclusions apply

### Standard Features and Configurable Modules

#### CHIPSET

Intel® Z75 Express

#### PROCESSOR

##### Intel Celeron

Intel Celeron G540 Processor (2.5 GHz, 2 MB cache)

Intel Celeron G550 Processor (2.6 GHz, 2 MB cache)

##### Intel Pentium

Intel Pentium G640 Processor (2.8 GHz, 3 MB cache)

Intel Pentium G860 Processor (3.0 GHz, 3 MB cache)

Intel Pentium G870 Processor (3.1 GHz, 3 MB cache)

##### Intel Core i3

Intel Core i3-2120 Processor (3.3 GHz, 3 MB cache)

##### Intel Core i5

Intel Core i5-3330 Processor (3.0 GHz, 6 MB cache)

Intel Core i5-3450 Processor (3.1 GHz, 6 MB cache)

Intel Core i5-3550 Processor (3.3 GHz, 6 MB cache)

Intel Core i5-3570 Processor (3.4 GHz, 6 MB cache)

##### Intel Core i7

Intel Core i7-3770 Processor (3.4 GHz, 8 MB cache)

**NOTE:** Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families.

#### NETWORKING/COMMUNICATIONS

Integrated Realtek 8111E Gigabit Ethernet Controller

Wireless NIC 802.11 a/b/g/n 2x2 DB mini Card with Bluetooth

Wireless NIC 802.11 b/g/n 1x1 mini Card

Wireless NIC 802.11 b/g/n 1x1 SB mini Card with Bluetooth

Wireless NIC 802.11 g/n 1x1 mini Card

### Standard Features and Configurable Modules

#### GRAPHICS

Intel HD Graphics (integrated; varies by processor)  
AMD Radeon HD 7450 1GB DDR3 FH graphics card  
AMD Radeon HD 7570 2GB DDR3 FH graphics card  
NVIDIA GeForce GT 520 1GB DDR3 FH graphics card  
NVIDIA GeForce GT 530 2GB DDR3 FH graphics card  
NVIDIA GeForce GT 545 3GB DDR3 FH graphics card  
NVIDIA GeForce GT 620 1GB DDR3 FH graphics card  
NVIDIA GeForce GT 630 2GB DDR3 FH graphics card  
NVIDIA GeForce GT 640 3GB DDR3 FH graphics card

#### AUDIO/MULTIMEDIA

High Definition Audio (all ports are stereo)  
Microphone\* and headphone front ports (3.5mm)  
Line-out and Line-in rear ports\* (3.5mm)  
Beats Audio™

#### STORAGE

128GB SATA Solid State Drive  
256GB SATA Solid State Drive  
  
500GB 7200 RPM SATA Hard Disk Drive  
750GB 7200 RPM SATA Hard Disk Drive  
1TB 7200 RPM SATA Hard Disk Drive  
1.5TB 5400 RPM SATA Hard Disk Drive  
1.5TB 7200 RPM SATA Hard Disk Drive  
2TB 5400 RPM SATA Hard Disk Drive  
2TB 7200 RPM SATA Hard Disk Drive  
3TB 5400 RPM SATA Hard Disk Drive  
3TB 7200 RPM SATA Hard Disk Drive

#### MEDIA DEVICES

15-in-1 Media Card Reader  
SuperMulti DVD-RW Drive  
Blu-ray Writer Drive

### Standard Features and Configurable Modules

#### KEYBOARDS AND POINTING DEVICES

- USB Keyboard
- USB Optical Mouse

#### SYSTEM MEMORY

- 2GB DDR3-1600 DIMM (1x2GB)
- 4GB DDR3-1600 DIMM (1x4GB)
- 6GB DDR3-1600 DIMM (4GB+2GB)
- 8GB DDR3-1600 DIMM (2x4GB)
- 16GB DDR3-1600 DIMM (4x4GB)

#### SECURITY

- HP ProtectTools Security Suite for Small & Medium sized businesses
- SATA port disablement (via BIOS)
- Drive lock
- Removable media write/boot control
- Power-On password (via BIOS)
- Setup password (via BIOS)
- Support for chassis padlocks and cable lock devices

#### PORTS

##### Front I/O Ports

- Two (2) USB 3.0 ports (front)
- One (1) microphone in; one (1) headphone out

##### Rear I/O Ports

- Four (4) USB 2.0 ports
- One (1) DVI-I video output
- One (1) DVI-D video output
- One (1) RJ45 network connection
- One (1) audio in; 5.1 / 7.1 audio channel out; one (1) microphone in (rear)

#### BAYS

- One (1) 3.5" Media Card Reader Bay
- Two (2) 5.25" Optical Disc Drive Bays
- Two (2) 3.5" Storage Drive Bays

### Standard Features and Configurable Modules

#### **SLOTS**

Three (3) PCI Express x1 Accessory Slots

One (1) PCI Express x16 Graphics Slot

One (1) PCI Express mini-Card Slot

#### **SERVICE AND SUPPORT**

1 year standard on-site warranty and service: This limited warranty and service offering delivers parts, labor and on-site repair. Optional terms available up to 3 years. Response time is next business day and includes free telephone support 24 x 7. Global coverage ensures any product purchased in one country and transferred to another non-restricted country will remain fully covered under the original warranty and service offering. Some countries/regions do not offer one year onsite and labor.

### Operating Systems and Software

#### OPERATING SYSTEMS

##### Preinstalled

Windows 8 Pro (64-bit)\*  
Windows 8 (64-bit)\*  
Windows® 7 Ultimate (32-bit or 64-bit)\*\*  
Windows® 7 Professional (32-bit or 64-bit)\*\*  
Windows® 7 Home Premium (32-bit or 64-bit)\*\*  
Windows® 7 Home Basic (64-bit)\*\*  
Windows® Starter (32-bit)\*\*  
FreeDOS  
Ubuntu

For all Preinstalled operating systems HP provides Microsoft WHQL certified (where applicable) drivers on [www.hp.com](http://www.hp.com) at the time of product announcement.

\*Not all features are available in all editions of Windows 8. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows 8 functionality. See <http://www.microsoft.com>.

\*\*Not all features are available in all editions of Windows 7. This system may require upgraded and/or separately purchased hardware to take full advantage of Windows 7 functionality. See <http://www.microsoft.com/windows/windows-7/> for details.

#### SOFTWARE

##### Preinstalled (varies by country)

(Buy Office)

##### Browser and Toolbars

- Internet Explorer 10
- Norton Toolbar

##### Productivity

- Buy Office

##### Optical Disc Drive Playback and TV Tuners

- CyberLink PowerDVD
- Avermedia TV app
- Hauppauge TV app

##### Windows® Live™

- Movie Maker
- Writer
- Photo Gallery

##### Windows 8 applications

- Mail
- Calendar

### Operating Systems and Software

- People
- SkyDrive
- Photos
- Messaging

### Photos and Videos

- CyberLink YouCam
- CyberLink Media Suite
- CyberLink Power2Go
- CyberLink Label Print

### A/V Integration

- HP Connected Remote

### Audio Post Processing

- Beats Audio™

### Games

- HP Games by WildTangent

### Communication

- Broadband connection utility
- HP MyRoom

### Utilities and Support

- HP Online User Guide
- HP Recovery Manager
- HP Support Assistant
- HP MyDisplay
- HP ePrint (driver)



### Technical Specifications

#### Unit Environment and Operating Conditions

##### General Unit Operating Guidelines

- Keep the computer away from excessive moisture, direct moisture and the extremes of heat and cold, to ensure that unit is operated within the specified operating range.
- Leave a 10.2 cm (4 in) clearance on all vented sides of the computer to permit the required airflow.
- Never restrict airflow into the computer by blocking any vents or air intakes.
- Do not stack computers on top of each other or place computers so near each other that they are subject to each other's re-circulated or preheated air.
- Occasionally clean the air vents on the front, back, and any other vented side of the computer. Lint, dust and other foreign matter can block the vents and limit the airflow.
- If the computer is to be operated within a separate enclosure, intake and exhaust ventilation must be provided on the enclosure, and the same operating guidelines listed above will still apply.

Temperature Range	Operating: 32° to 104° F (0° to 40° C)* Non-operating: -22° to 149° F (-30° to 65° C)
Relative Humidity	Operating: 10% to 90% (non-condensing at ambient) Non-operating: 5% to 95% (non-condensing at ambient)
Maximum Altitude (unpressurized)	Operating: 10,000 ft (3048 m) Non-operating: 30,000 ft (9144 m)

\* Operating temperature is de-rated 1.0 deg C per 300 m (1000 ft) to 3000 m (10,000 ft) above sea level, no direct sustained sunlight. Maximum rate of change is 10 deg C/Hr. The upper limit may be limited by the type and number of options installed.

#### Power Supply

300W active PFC; standard efficiency; 100 - 240 VAC; 50/60 Hz  
Power Cord Length: 6.0 ft. (1.83 m)

#### WEIGHTS & DIMENSIONS (configured with 1 HDD and 1 ODD)

Chassis (H x W x D)	14.37 x 6.50 x 14.69 in 365 x 165 x 373 mm
System Volume	1,372.12 cu in (22.46 L)
Packaging (H x W x D)	10.31 x 20.55 x 19.61 in 262 x 522 x 498mm
System Weight*	21.16 lbs / 9.60 kgs
Shipping Weight*	27.56 lb/12.5 kg

#### INTEL HD GRAPHICS

VGA Controller	Integrated
DisplayPort	1.1a; integrated, multimode capable; supports HDCP and audio over DisplayPort
Bus Type	PCI Express x16
RAMDAC	Integrated, 350 MHz

Intel graphics do not have dedicated memory but utilizes some of the computer's system memory. The amount of memory used for graphics depends on the amount of system memory.

### Technical Specifications

#### Memory

memory installed, BIOS settings, operating system, and system load. 32 MB is pre-allocated for graphics use at system boot time. Additional memory can be allocated at boot time by the BIOS for PAVP (Protected Audio Video Playback) support for playback of protected video content.

Additional memory is allocated for graphics as needed using Intel's Dynamic Video Memory Technology (DVMT), to provide an optimal balance between graphics and system memory use.

#### Maximum Graphics Memory

Microsoft Windows XP

Up to 1GB

Microsoft Windows 7

Up to 1.7GB

**NOTE:** the actual amount of maximum graphics memory can be less than the amounts listed above depending upon your computer's configuration.

#### HW Video Decode

AVC/VC1/MPEG2/JPEG/MJPEG/PAVP

#### Maximum Color Depth

32 bits/pixel

#### 3rd Generation Core processors:

- The Processor Graphics contains a refresh of the seventh generation graphics core enabling substantial gains in performance and lower power consumption. Up to 16 EU support.
- Next Generation Intel Clear Video Technology HD Support is a collection of video playback and enhancement features that improve the end user's viewing experience
  - Encode/transcode HD content
  - Playback of high definition content including Blu-ray Disc
  - Superior image quality with sharper, more colorful images
  - Playback of Blu-ray disc S3D content using HDMI (V.1.4 with 3D)
- DirectX Video Acceleration (DXVA) support for accelerating video processing
  - Full AVC/VC1/MPEG2 HW Decode
- Advanced Scheduler 2.0, 1.0, XPDM support
- Windows 7, Windows XP, OSX, Linux OS Support
- DirectX 11, DirectX 10.1, DirectX 10, DirectX 9 support
- OpenGL 3.3 support

#### Graphics/Video API Support

#### 2nd Generation Core processors:

- The Processor Graphics contains a refresh of the sixth generation graphics core enabling substantial gains in performance and lower power consumption.
- Next Generation Intel Clear Video Technology HD support is a collection of video playback and enhancement features that improve the end user's viewing experience.
  - Encode/transcode HD content
  - Playback of high definition content including Blu-ray Disc
  - Superior image quality with sharper, more colorful images
  - Playback of Blu-ray disc S3D content using HDMI (V.1.4 with 3D)
- DirectX Video Acceleration (DXVA) support for accelerating video processing
  - Full AVC/VC1/MPEG2 HW Decode
- Advanced Scheduler 2.0, 1.0, XPDM support
- Windows 7, XP, Windows Vista, OSX, Linux OS Support
- DirectX 10.1, DirectX 10, DirectX 9 support
- OpenGL 3.0 support

#### **Supported Display Resolutions and Refresh Rates**

**NOTE:** other resolutions may be available but are not recommended as they may not have been tested and qualified by HP

### Technical Specifications

Resolution	Analog	Digital
640x480	85	60
800x600	85	60
1024x768	85	60
1280x720	85	60
1280x1024	85	60
1440x900	75	60
1600x1200	85	60
1680x1050	75	60
1920x1080	85	60-R
1920x1200	85	60-R
1920x1440	85	N/A
2048x1536	75	N/A
2560x1600	N/A	60*

\* Only supported when using a DisplayPort connection

**NOTE:** Other resolutions may be available but are not recommended as they may not have been tested and qualified by HP

**NOTE:** 60-R denotes reduced blanking timings are used on single-link DVI connections and may be used with other digital connections

### ENVIRONMENTAL INFORMATION

**Eco-Label Certifications & Declarations** This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks:

- IT ECO declaration

**System Configuration** The configuration used for the Energy Consumption and Declared Noise Emissions data for the Micro tower Desktop model is based on a typically configured product.

Energy Consumption	115 VAC	230 VAC	100 VAC
Normal Operation	33.81 W	34.05 W	N/A
Sleep (Energy Star low power mode)	1.85 W	1.85 W	N/A
Off	0.92 W	0.92 W	N/A

Heat Dissipation*	115 VAC	230 VAC	100 VAC
Normal Operation	116 BTU/Hr	116 BTU/Hr	N/A
Sleep	6 BTU/Hr	6 BTU/Hr	N/A
Off	3 BTU/Hr	3 BTU/Hr	N/A

\* Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.

#### Declared Noise Emissions (in accordance with ISO 7779 and ISO 9296)

System Fan on with active graphic card	Sound Power (LWAd, bels)	Sound Pressure (LpAm, decibels)

### Technical Specifications

Idle	4.03	29
Fixed Disk (random writes)	4.1	30

#### Longevity and Upgrading

This product can be upgraded, possibly extending its useful life by several years. Upgradeable features and/or components contained in the product may include:

- Intel LGA775 processor socket
- 8 USB ports
- 1 empty PCI slot (w/ optional PCI riser card) , or  
1 empty PCIe x16 slot (w/optional PCIe riser card)
- 1 internal drive slot
- 1 Slimline optical drive slot
- 3 memory slots

Spare parts are available throughout the warranty period and or for up to "5" years after the end of production.

#### Batteries

This battery(s) in this product comply with EU Directive 2006/66/EC

Batteries used in the product do not contain:

- Mercury greater the 5ppm by weight
- Cadmium greater than 10ppm by weight
  - Battery size: CR2032 (coin cell)
  - Battery type: Lithium

#### Additional information

- This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC.
- This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive - 2002/96/EC.
- This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986).
- Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043.
- This product contains 0% post consumer recycled plastic (by wt.)
- This product is 94.8% recyclable when properly disposed of at end of life.

#### Packaging Materials

- External:
  - PAPER/Corrugated 1565 g
- Internal:
  - PLASTIC/EPS (Expanded Polystyrene) 212 g
  - PLASTIC/Polyethylene low density 51 g
  - PLASTIC/EPE-Expanded Polyethylene 275
- The PAPER/Corrugated packaging material contains at least 25% recycled content.
- The PLASTIC/EPS (Expanded Polystyrene) packaging material contains at least 0% recycled content.
- The PLASTIC/Polyethylene low density packaging material contains at least 0% recycled content.
- The PLASTIC/EPE-Expanded Polyethylene packaging material contains at least 0% recycled content.

#### RoHS2 Compliance

Hewlett-Packard is committed to compliance with all applicable environmental laws and regulations,

### Technical Specifications

including the European Union Restriction of Hazardous Substances (RoHS) Directive. HP's goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. By July 1, 2006, RoHS substances will be virtually eliminated (virtually = to levels below legal limits) for all HP electronic products subject to the RoHS Directive, except where it is widely recognized that there is no technically feasible alternative (as indicated by an exemption under the EU RoHS Directive).

#### Material Usage

This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at [http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen\\_specifications.html](http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html)):

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants - may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel - finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)
- Polychlorinated Terphenyls (PCT)
- Polyvinyl Chloride (PVC) - except for wires and cables, and certain retail packaging has been voluntarily removed from most applications.
- Radioactive Substances
- Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)

#### Packaging

HP follows these guidelines to decrease the environmental impact of product packaging:

- Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials.
- Eliminate the use of ozone-depleting substances (ODS) in packaging materials.
- Design packaging materials for ease of disassembly.
- Maximize the use of post-consumer recycled content materials in packaging materials.
- Use readily recyclable packaging materials such as paper and corrugated materials.
- Reduce size and weight of packages to improve transportation fuel efficiency.
- Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.

#### End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: <http://www.hp.com/go/reuse-recycle> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is

### Technical Specifications

posted on the Hewlett Packard web site at: <http://www.hp.com/go/recyclers>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

**Hewlett-Packard  
Corporate Environmental  
Information**

For more information about HP's commitment to the environment:

Global Citizenship Report

<http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html>

Eco-label certifications

<http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html>

ISO 14001 certificates:

<http://www.hp.com/hpinfo/globalcitizenship/environment/operations/envmanagement.html>

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