



HP Notebook - 15-ay165tx (Z4Q01PA)

Active as of 10/7/2016

## Overview



### Accomplish more with your day

Tackle all your daily tasks with an affordable laptop that comes packed with all the features you need. Get all the power you want with confidence in a trusted name like HP.

Tackle all your daily tasks with an affordable laptop that comes packed with the features you need.



### Dependable performance

With the latest Intel® processors<sup>1</sup> and plenty of storage, you can work, play, multitask, and store more of what matters to you. Get reliable power and storage you can trust.



### Vibrant display

The crisp HD screen<sup>2</sup> lets you enjoy your photos, videos, and web pages in detail. Or upgrade to Full HD<sup>3</sup> and get even more out of your display.



### Windows 10

Do great things confidently with the familiar feel of Windows—only better.



### 7th generation Intel® Core™ processors

Powerful performance easily keeps up with all your multitasking demands, enables new ways to interact with your PC, and delivers enhanced 4K video capabilities.



### Measurable quality

Life can be unpredictable, but your HP laptop shouldn't be. So whether it's last minute projects or spontaneous movie nights, enjoy outstanding performance backed by over 200 tests.<sup>4</sup>



### Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.



### DDR4 RAM options

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

## Specifications

### Operating system

Windows 10 Home 64

**Processor family**

7th Generation Intel® Core™ i7 processor

**Processor**

Intel® Core™ i7-7500U (2.7 GHz, up to 3.5 GHz, 4 MB cache, 2 cores)

**MDA key selling point**

Windows 10 Home 64

**Security management**

Kensington MicroSaver lock slot; Power-on password; Accepts third-party security lock devices; Trusted Platform Module (TPM) support

**Memory, standard**

16 GB DDR4-2133 SDRAM (2 x 8 GB)

**Hard drive description**

256 GB M.2 SSD

**Optical drive**

SuperMulti DVD burner

**Graphics**

Discrete

**Graphics**

AMD Radeon™ R7 M440 Graphics (4 GB DDR3 dedicated)

**Ports**

1 HDMI; 1 headphone/microphone combo; 2 USB 2.0; 1 USB 3.1; 1 RJ-45

**Expansion slots**

1 multi-format SD media card reader

**Webcam**

HP TrueVision HD Camera with integrated digital microphone

**Audio features**

DTS Studio Sound™; Dual speakers

**Pointing device**

Touchpad with multi-touch gesture support

**Keyboard**

Full-size island-style keyboard with integrated numeric keypad

**Wireless**

Intel® 802.11ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)

**Power supply type**

65 W AC power adapter

**Battery type**

4-cell, 41 Wh Li-ion

**Energy efficiency**

ENERGY STAR® certified; EPEAT® Silver registered

**Product color**

Turbo silver

**Minimum dimensions (W x D x H)**

38.43 x 25.46 x 2.43 cm

*(Dimensions vary by configuration)*

**Weight**

2.15 kg

**Software included**

McAfee LiveSafe™<sup>1</sup>

**Pre-installed software**

Adobe® Shockwave® Player; CyberLink PowerDirector; User Guide documentation; Dropbox; TripAdvisor; CyberLink Power Media Player

**Warranty**

1-year limited parts and labour

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**Overview**

- 1 Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance will vary depending on your hardware and software configurations.
- 2 High-definition (HD) content is required to view high-definition images.
- 3 Full high-definition (FHD) content is required to view full high-definition images.
- 4 HP Total Test Process testing is not a guarantee of future performance under these test conditions. Damage under the HP Total Test Process test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

**Specifications**

- 1 McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.)

**Images - Product (6)**



**Center facing**

54 x 41 (jpg)	54 x 41 (png)
100 x 70 (jpg)	96 x 72 (jpg)
96 x 72 (png)	99 x 74 (png)
153 x 115 (png)	180 x 135 (png)
240 x 180 (jpg)	240 x 180 (png)
247 x 185 (png)	170 x 190 (jpg)
257 x 193 (png)	320 x 240 (jpg)
320 x 240 (png)	474 x 356 (png)
513 x 385 (png)	400 x 400 (jpg)
400 x 400 (png)	573 x 430 (png)
800 x 600 (png)	1659 x 1246 (png)
2992 x 1951 (png)	3009 x 2039 (jpg)



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**Left facing**

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573 x 430 (png)	573 x 430 (png)
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2973 x 1848 (png)	2973 x 1848 (png)
2971 x 2419 (jpg)	2971 x 2419 (jpg)



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1659 x 1246 (png)	1659 x 1246 (png)
2972 x 1848 (png)	2971 x 2419 (jpg)
3300 x 2805 (jpg)	3300 x 2805 (png)

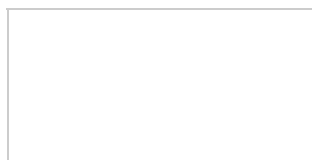
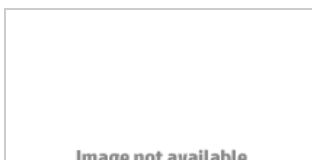


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### Left rear facing

54 x 41 (jpg)	54 x 41 (png)
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400 x 400 (png)	573 x 430 (png)
800 x 600 (png)	1659 x 1246 (png)
2990 x 1880 (png)	2983 x 1963 (jpg)

### Rear facing

54 x 41 (jpg)	54 x 41 (png)
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2991 x 2031 (png)	3005 x 2104 (jpg)

## Keyboards/Mice/Monitors and Input Devices

### Keyboard and Mouse Kits

Active	HP Wireless Classic Desktop (keyboard and mouse)	LV290AA
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### Keyboards

Active	HP Wireless K5510 Keyboard	H4J89AA
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### Mice

Active	HP Z3700 Gold Wireless Mouse	X7Q43AA
Active	HP Z3700 Silver Wireless Mouse	X7Q44AA
Active	HP Z4000 Red Wireless Mouse	E8H24AA

## HP Care Services

### Hardware Support Services

Active	HP 1 year 3 Days Onsite Notebook Service	U8LH2E
Active	HP 1 year Accidental Damage Protection Next business day Onsite Notebook Only Service	U8LJ7E
Active	HP 1 year Accidental Damage Protection Next business day Onsite Notebook Service	U8LH9E
Active	HP 1 year Accidental Damage Protection Return Notebook Service	U8LJ1E
Active	HP 1 year Pickup and Return Notebook Service	U8LH1E
Active	HP 1 year Post Warranty Next business day Onsite Notebook Service	U8LH7PE
Active	HP 1 year Post Warranty Pickup and Return Notebook Service	U1PT3PE
Active	HP 1 year Post Warranty Return Notebook Service	U8LH5PE
Active	HP 2 year 3 Days Onsite Notebook Service	U8LH3E
Active	HP 2 year Return to Depot Notebook Service	U1PS8E
Active	HP 3 year 3 Days Onsite 2 year warranty Notebook Service	U8LJ3E
Active	HP 3 year 3 Days Onsite Notebook Service	U8LH4E
Active	HP 3 year Accidental Damage Protection Plus Pickup and Return Notebook Service	U1PS6E
Active	HP 3 year Accidental Damage Protection Plus Return to Depot Notebook Service	U1PT1E
Active	HP 3 year Next business day Onsite 1-1-1 Warranty Notebook Service	U8LJ6E
Active	HP 3 year Next business day Onsite 2 year Warranty Notebook Service	U8LJ2E
Active	HP 3 year Next business day Onsite Accidental Damage Protection Notebook Only Service	U8LJ4E
Active	HP 3 year Next business day Onsite Notebook Service	U8LH8E
Active	HP 3 year Return 2 year Warranty Notebook Service	U8LJ0E
Active	HP 3 year Return to Depot Notebook Service	U1PS9E

### Personal Systems Commercial Care Services

Active	HP 1 year Accidental Damage Protection Pickup Return Notebook Service	U8LH6E
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### Personal Systems Consumer Care Services

Active	HP 2 year Accidental Damage Protection Plus Pickup and Return Notebook Service	U1PS5E
Active	HP 2 year Pickup and Return Notebook Service	U1PS2E
Active	HP 3 year Pickup and Return Notebook Service	U1PS3E

## Detailed Specifications

### Additional information about HP

<http://www.hp.com>

### Audio features

DTS Studio Sound™; Dual speakers

### Battery type

4-cell, 41 Wh Li-ion

### Code name

Crepe 1.1

### Copyright notice

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### Dimension note (metric)

Dimensions vary by configuration

### Display

15.6" diagonal FHD SVA anti-glare WLED-backlit (1920 x 1080)

### Display

15.6" FHD SVA display

### Display size (diagonal)

15.6"

### Energy efficiency

ENERGY STAR® certified; EPEAT® Silver registered

### Expansion slots

1 multi-format SD media card reader

### Feature supporting point footnote number

[5]

### Graphics

AMD Radeon™ R7 M440 Graphics (4 GB DDR3 dedicated)

### Graphics

Discrete

### Hard drive description

256 GB M.2 SSD

### HP apps

HP ePrint; HP Recovery Manager; HP Support Assistant

### Image legal disclaimer

Product image may differ from actual product

### Keyboard

Full-size island-style keyboard with integrated numeric keypad

### Legal disclaimer

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

### Legal disclaimer [01]

[5] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.

### MDA key selling point



Windows 10 Home 64

**Memory and storage**

16 GB memory; 256 GB SSD storage

**Memory, standard**

16 GB DDR4-2133 SDRAM (2 x 8 GB)

**Minimum dimensions (W x D x H)**

38.43 x 25.46 x 2.43 cm

**Network interface**

Integrated 10/100 BASE-T Ethernet LAN

**Operating system**

Windows 10 Home 64

**Optical drive**

SuperMulti DVD burner

**Pointing device**

Touchpad with multi-touch gesture support

**Ports**

1 HDMI; 1 headphone/microphone combo; 2 USB 2.0; 1 USB 3.1; 1 RJ-45

**Power supply type**

65 W AC power adapter

**Pre-installed software**

Adobe® Shockwave® Player; CyberLink PowerDirector; User Guide documentation; Dropbox; TripAdvisor; CyberLink Power Media Player

**Pre-installed software footnote**

**number**

[2,3,4,5,6]

**Processor**

Intel® Core™ i7-7500U (2.7 GHz, up to 3.5 GHz, 4 MB cache, 2 cores)

**Processor family**

7th Generation Intel® Core™ i7 processor

**Product color**

Turbo silver

**Product long name specifications**

HP Notebook - 15-ay165tx with Windows 10 Home 64; Intel® Core™ i7-7500U (2.7 GHz, up to 3.5 GHz, 4 MB cache, 2 cores); 16 GB DDR4-2133 SDRAM (2 x 8 GB); 256 GB M.2 SSD

**Security management**

Kensington MicroSaver lock slot; Power-on password; Accepts third-party security lock devices; Trusted Platform Module (TPM) support

**Software - Productivity & finance**

Buy Office

**Software footnote number**

[1]

**Software included**

McAfee LiveSafe™

**Standard memory note**

Transfer rates up to 2133 MT/s

**Tech spec footnote**

[1] McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.)

**Tech spec footnote**

[2] CyberLink PowerDirector, Cyberlink Power Media Player, Dropbox: Not Available in China.

**Tech spec footnote**

[3] CyberLink PowerDirector, Cyberlink Power Media Player: Not Available with eMMC storage.

**Tech spec footnote**

[4] Cyberlink Power Media Player: Select models only.

**Tech spec footnote**

[5] Dropbox: 25GB of free online storage for 6 months from date of registration. For complete details and terms of use, including cancellation policies, visit the website at [www.dropbox.com](http://www.dropbox.com). Internet service required and not included. Available only in the US.

**Tech spec footnote**

[6] Adobe® Shockwave® Player: Adobe Shockwave is a trademark of Adobe Systems Incorporated.

**Trademark information**

All other trademarks are the property of their respective owners.

**Warranty**

1-year limited parts and labour

**Webcam**

HP TrueVision HD Camera with integrated digital microphone

**Weight**

2.15 kg

**Weight note (metric)**

Weight varies by configuration

**Wireless**

Intel® 802.11ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)

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