

## Datasheet

# HP ProDesk 490 G3 Microtower PC



## The desktop for a growing business

Give your business the strong foundation it needs for growth with the affordable and reliable HP ProDesk 490/498 MT. Designed with essential security and manageability features, the HP ProDesk 400 helps keep your business growing.



- Windows 10 Pro<sup>1</sup>
- 6th Gen Intel® Core™ Processors<sup>2</sup>

### New powerful processors

- New 6th Gen Intel® Core™ processors<sup>2</sup> bring powerful processing with Intel® HD 530 Graphics. Available DDR4 memory helps meet the demands of today's businesses.

### Security from the start

- HP BIOSphere<sup>3</sup> and HP Client Security<sup>4</sup> boost security and keep critical data and systems under lock and key with customizable authentication and BIOS-level passwords.

### Tested to go the distance

- HP ProDesks are rigorously tested to help ensure reliability. During the HP Total Test Process, PCs experience 120,000 hours of performance trials to help get you through your business day.

### Make the smart investment

- The HP ProDesk 490/498 MT helps affordably build a solid IT infrastructure for your growing business with scalability in major components that allow you to configure the right PC for each user.

### Featuring

- Help protect from today's security threats and maximize management and productivity features for business with Windows 10 Pro.<sup>1</sup>
- Reduce the complexity of administration. HP Touchpoint Manager,<sup>5</sup> Windows 10 Pro<sup>1</sup> manageability features, and HP Common Core BIOS help you easily manage assets.
- Make conferencing from your PC as simple as the touch of a button with the optional HP Conferencing Keyboard.<sup>6</sup>
- Extend the life of your purchase using the tool-less chassis to easily upgrade memory, storage, and graphics<sup>6</sup> to meet diverse and growing business needs.
- Build a solid IT infrastructure for your growing business with the scalable HP ProDesk 490/498.
- Reduce energy consumption and costs with ENERGY STAR® and EPEAT® Gold® certified configurations.
- Manage data, security, and devices from a single cloud-based solution with HP Touchpoint Manager.<sup>5</sup>
- Simplify technical support with Helpdesk by HP Care. Rely on cost-effective expertise that's available 24x7, covering multiple brands, devices and operating systems.<sup>9</sup>

# HP ProDesk 490 G3 Microtower PC Specifications Table



<b>Form Factor</b>	Microtower
<b>Available Operating System</b>	Windows 10 Pro 64 <sup>1</sup> Windows 10 Home 64 <sup>1</sup> Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) <sup>2</sup> FreeDOS 2.0
<b>Available Processors<sup>3</sup></b>	Intel® Core™ i7-6700 with Intel HD Graphics 530 (3.4 GHz, up to 4 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4520 with Intel HD Graphics 530 (3.6 GHz, 3 MB cache, 2 cores); Intel® Pentium™ G4400 with Intel HD Graphics 510 (3.3 GHz, 3 MB cache, 2 cores)
<b>Chipset</b>	Intel® H170
<b>Maximum Memory</b>	Up to 32 GB DDR4-2133 SDRAM Standard memory note: Transfer rates up to 2133 MT/s
<b>Memory slots</b>	4 DIMM
<b>Internal Storage</b>	500 GB up to 2 TB SATA HDD (7200 rpm) <sup>4</sup> 500 GB (8 GB cache) up to 1 TB (8 GB cache) SATA SSHD <sup>4</sup> 120 GB up to 256 GB SATA SSD <sup>4</sup> 128 GB up to 256 GB SATA 3D SSD <sup>4</sup>
<b>Optical Storage</b>	Slim SATA SuperMulti DVD writer <sup>5,6</sup>
<b>Available Graphics</b>	Integrated: Intel® HD Graphics <sup>8</sup> Discrete: AMD Radeon™ R9 350 (2 GB); NVIDIA® GeForce® GT 730 (2 GB) <sup>9</sup>
<b>Audio</b>	DTS Sound+™ audio management technology, HD audio with Realtek ALC221VB codec (all ports are stereo), microphone and headphone front ports (3.5 mm), line in and line out rear ports (3.5 mm), multi-streaming capable, internal speaker
<b>Communications</b>	LAN: Integrated Realtek GbE; Intel® Ethernet I210-T1 PCIe x1 GbE network interface card (optional) WLAN: Broadcom BCM943228Z 802.11n Wireless PCIe with optional Bluetooth® (optional); Intel® 7265 802.11ac Wireless PCIe with optional Bluetooth® (optional) <sup>7</sup>
<b>Expansion Slots</b>	1 full-height PCIe 3 x16; 1 full-height PCIe 3 x4 (x16); 2 full-height PCIe 3 x1
<b>Ports and Connectors</b>	Front: 2 USB 3.0; 1 headphone; 1 microphone Back: 4 USB 3.0; 2 USB 2.0; 1 serial; 1 serial (optional); 1 parallel (optional); 2 PS/2 (keyboard and mouse); 1 VGA; 1 DisplayPort; 1 DisplayPort (optional); 1 audio line in; 1 audio line out; 1 RJ-45
<b>Internal Drive Bays</b>	One 8.9 cm (3.5"); One 6.35 cm (2.5") / 8.9 cm (3.5")
<b>External Drive Bays</b>	1 SD 4 card reader (optional); 1 slim ODD (optional)
<b>Available Software</b>	HP business PCs are shipped with a variety of software titles including: HP Drive Encryption, HP Client Security, HP Security Manager, Microsoft Security Essentials, CyberLink Power2Go DVD BD, Native Miracast support, HP ePrint Driver, HP Recovery Manager. Please refer to this product's quick spec document for a full list of preinstalled software. <sup>10,11,12</sup>
<b>Security Management</b>	Trusted Platform Module SLB9670TT1.2FW4.40 (TPM) 1.2 Common Criteria EAL4+ certified, field upgradeable to 2.0; SATA port disablement (via BIOS); RAID configurations; Serial, parallel, USB enable/disable (via BIOS); Optional USB port disable at factory (user configurable via BIOS); Removable media write/boot control; Power-on password (via BIOS), Setup password (via BIOS); HP Chassis (1 bay) Security Kit; Support for chassis padlocks and cable lock devices <sup>13</sup>
<b>Management Features</b>	Update BIOS via Cloud or Network (BIOS feature)
<b>Power</b>	300 W, up to 85% efficient, active PFC
<b>Dimensions</b>	165 x 358.8 x 355 mm
<b>Weight</b>	Starting at 7.05 kg (Exact weight depends on configuration)
<b>Environmental</b>	Low halogen
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified and EPEAT® Gold registered configurations available <sup>14</sup>
<b>Warranty</b>	1-year (1-1-1) limited warranty and service offering includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

## HP ProDesk 490 G3 Microtower PC

### Accessories and services (not included)

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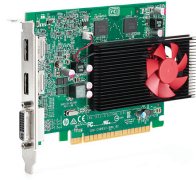
#### HP USB Slim Business Keyboard



Get fast data entry and quick USB connectivity with the HP USB Business Slim Keyboard, designed to complement the 2015 class of HP Business PCs.

**Product number: N3R87AA**

#### AMD Radeon R9 350 PCIe x16 Graphics Card



Drive your everyday PC, Web conferencing, and video or photo content to up to two displays from one card with the AMD Radeon™ R9 350 2GB PCIe x16 Card.

**Product number: N3R91AA**

#### HP 8GB DIMM DDR4 Memory



Maximize your business PC performance with HP Memory. Upgrading your memory is a cost-effective way to boost your system performance without having to upgrade your processor.

**Product number: P1N52AA**

#### HP USB 1000dpi Laser Mouse



Obtain the speed and accuracy of laser tracking in a simple, elegant design with the HP USB 1000dpi Laser Mouse – for the latest in laser sensing technology.

**Product number: QY778AA**

#### HP 3 year Next business day Onsite Desktop Only Hardware Support



Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.

**Product number: U6578E**

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# HP ProDesk 490 G3 Microtower PC

## Messaging Footnotes

- <sup>1</sup> 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>.
- <sup>2</sup> 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. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- <sup>3</sup> HP BIOSphere features may vary depending on the PC platform & configuration.
- <sup>4</sup> Requires Windows.
- <sup>5</sup> HP Touchpoint Manager requires purchase of a subscription and supports Android™, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries. See [www.hp.com/touchpoint](http://www.hp.com/touchpoint) for availability information.
- <sup>6</sup> Sold separately or as an optional feature.
- <sup>7</sup> \*Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.
- <sup>8</sup> EPEAT® Gold registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>9</sup> HP Care Services are optional. Service levels and response times for HP Care Services may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc). HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

## Technical specifications disclaimers

- <sup>1</sup> 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>.
- <sup>2</sup> This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- <sup>3</sup> 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. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- <sup>4</sup> For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 36 GB (for Windows 8.1 and 10) of system disk is reserved for system recovery software.
- <sup>5</sup> Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.
- <sup>6</sup> With Blu-Ray drive XL, certain disc, digital connection, compatibility and 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 an HDCP path and HDCP display. HD-DVD movies cannot be played on this BDXL Drive.
- <sup>7</sup> Wireless cards are optional or add-on features and require separately purchased wireless access point and internet service. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of this desktop PC to communicate with other 802.11ac WLAN devices.
- <sup>8</sup> HD content required to view HD images.
- <sup>9</sup> Optional or add-on feature.
- <sup>10</sup> HP ePrint requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see [www.hp.com/go/businessmobileprinting](http://www.hp.com/go/businessmobileprinting)). HP PageLift requires Windows 7 or higher.
- <sup>11</sup> Microsoft Security Essentials requires Windows 7 and internet access.
- <sup>12</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. Miracast is available for Windows 8 and Windows 10. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- <sup>13</sup> This product ships with TPM 1.2 with option to upgrade to TPM 2.0. Upgrade utility is expected to be available by the end of 2015 via HP Customer Support.
- <sup>14</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>15</sup> External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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