

# HP Series 3 Pro 21.5 inch FHD Monitor - 322pf

## Your Everyday Monitor

Make your everyday experience more productive and enjoyable with an expanded workspace for projects and assignments. This sleek 21.5" FHD monitor boasts a quality IPS screen that's visible from any angle and up to 100 Hz refresh rate<sup>1</sup> for sharp images and fluid motion.



\*Изображението на продукта може да се различава от реалния размер на продукта

100Hz

### Elevate the Everyday

Make your everyday experience more productive and enjoyable with an expanded workspace for projects and assignments. This sleek 21.5" FHD monitor boasts a quality IPS screen that's visible from any angle and up to 100 Hz refresh rate<sup>1</sup> for sharp images and fluid motion.

HP Eye Ease

### Increased Comfort. Improved Focus.

Keep your eyes comfortable with a flicker-free screen so you can get more done in your day. Plus, avoid the yellow color shift and keep the comfort with HP Eye Ease, an always-on hardware low-blue light filter that doesn't impact color accuracy.



### Clean Design. Clear Mind.

Streamline your desk with a monitor that helps you stay focused. Cut the clutter with neat cable management, a slim, tilt-adjustable stand, and a 3-sided micro-edge bezel to cleanly pair dual monitors. Easily customize your settings with the intuitive joypad OSD button.

## Устойчивост в геүмстве

### Built for a Better Tomorrow

This monitor meets high energy-saving standards with ENERGY STAR® certification and EPEAT® registration<sup>2</sup> to reduce power consumption. To help protect our planet, it leverages recycled materials and 100% recyclable outer box packaging.<sup>3</sup>



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## Изобразяване



### IPS Technology

No matter where you stand, IPS technology ensures image accuracy and consistency across wide 178-degrees horizontal and vertical viewing angles.<sup>1</sup>

### Always-on, True Color, Low-Blue Light Filter

HP Eye Ease, an always-on, hardware low-blue light filter, helps keep your eyes comfortable throughout the day by reducing blue light without the yellow color shift.

### 100 Hz Refresh Rate

Experience smooth scrolling, life-like video and clear detail with a 100 Hz refresh rate that provides fluid movement from frame to frame.<sup>1</sup>

### Adjustable Tilt

The tilt-adjustable slim stand helps you find the right angle so you can maximize productivity and work comfortably.

### Plenty of Ports

This monitor is ready to connect for sharp FHD visuals with multiple ports including 1 x VGA, 1 x HDMI 1.4, and 1 x DP 1.2.<sup>4,5</sup>

### 3-Sided Micro-Edge Bezel

See and do more on your screen with a 3-sided micro-edge bezel that maximizes your viewing area for a sleek design and virtually seamless dual-monitor setups.

### Intuitive Joypad OSD Button

Easily configure your monitor settings with the touch of a button. Simply navigate the on-screen menu with the joypad OSD button to adjust brightness and resolution.

### Neat Cable Management

Be more productive with a cleaner workspace by removing the clutter of mixed cables with a neat cable management solution.

### Easily Personalize and Adjust Your Monitor

Customize your monitor with easy to use, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen—all through the host PC.<sup>6</sup>

### Remote Management Reimagined

HP Display Manager makes remote management of the monitor easy. Simplify deployment, asset tracking, and remotely control monitor settings, like turning the power off.<sup>7</sup>

### Energy Efficient Design

These monitors meet the latest energy efficiency and environmental standards for tech and IT with EPEAT® registration and ENERGY STAR® and TCO certifications.<sup>2</sup>

### Materials that Matter

This monitor's plastics contain 85% recycled ITE plastics to reduce the amount of raw materials we use. It's all part of our commitment to help protect our shared future.<sup>8</sup>

### Thoughtful Product Packaging

HP is committed to reducing plastic in landfills by using 100% recyclable outer box packaging that meets recycling requirements, so it can stay out of the landfill when customers are finished with it.<sup>3,9</sup>

### HP PC Mounting Bracket

Save space and optimize your desk by attaching the B200 bracket to the base of the monitor stand and your PC.<sup>10</sup>

### Works With Chromebook Certified

The Works With Chromebook badge on a device means it's optimized to work with your Chromebook and other Chrome OS devices. Enjoy a seamless experience across Works With Chromebook certified accessories.<sup>11,12</sup>



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## Спецификации

### Спецификации на дисплея

**Размер на дисплея**  
21.5"<sup>1</sup>  
**Размер на дисплея (диагонал, в метрични единици)**  
54.6 cm (21.5")  
**Размер на видимия диагонал**  
21.5" (54.61 cm)  
**Съотношение**  
16:9<sup>1</sup>  
**Крива**  
Flat  
**Основна разделителна способност**  
FHD (1920 x 1080)<sup>1,2</sup>  
**Разделителна способност (максимална)**  
FHD (1920 x 1080 @ 100 Hz)<sup>1</sup>  
**Поддържани резолюции**  
640 x 480 @ 60 Hz; 720 x 400 @ 70 Hz; 800 x 600 @ 60 Hz; 1024 x 768 @ 60 Hz; 1280 x 720 @ 60 Hz; 1280 x 1024 @ 60 Hz; 1440 x 900 @ 60 Hz; 1600 x 900 @ 60 Hz; 1680 x 1050 @ 60 Hz; 1920 x 1080 @ 60 Hz; 640 x 480 @ 75 Hz (digital inputs only); 800 x 600 @ 75 Hz (digital inputs only); 1024 x 768 @ 75 Hz (digital inputs only); 1280 x 1024 @ 75 Hz (digital inputs only); 1920 x 1080 @ 50 Hz (digital inputs only); 1920 x 1080 @ 75 Hz (digital inputs only); 1920 x 1080 @ 100 Hz (digital inputs only)  
**Тип панел**  
IPS<sup>1</sup>  
**панел**  
3-sided borderless  
**Активна зона на панел**  
47.61 x 26.78 cm  
**Дълбочина на частта на панела**  
8 bit (6 bit + FRC)<sup>1</sup>  
**Цветовете на дисплея**  
Up to 16.7 million colors supported<sup>1,3</sup>  
**Цвetoвa гaмa нa дucплeя**  
72% NTSC  
**Честота на опресняване (максимална)**  
100 Hz<sup>1</sup>  
**Покажи честотата на сканиране**  
50-100 Hz (HDMI, DisplayPort™); 50-60 Hz (VGA) (Вертикално)<sup>1</sup> 30-80 kHz (VGA); 30-115 kHz (HDMI, DisplayPort™) (Хоризонтално)<sup>1</sup>  
**Чакане на отговор**  
5ms GtG (with overdrive)<sup>1</sup>  
**Яркост**  
250 nits<sup>1</sup>  
**Коефициент на контраста**  
1000:1 (Статично)<sup>1</sup> 8000000:1 (Динамично)<sup>1</sup>  
**гъстoтa нa пикселитe**  
0.25 x 0.25 mm<sup>1</sup>  
**Пиксeлa нa инч (ppi)**  
93 ppi<sup>1</sup>  
**ъгъл на наблюдение**  
178° (Вертикално) 178° (Хоризонтално)  
**Тип подсветка**  
Edge-lit; WLED  
**Живот на лампата за подсветка**  
30,000 hours  
**Характеристики на дисплея**  
Anti-glare; HP Eye Ease; Tilt  
**Опции на управление на дисплея от потребителя**  
Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit  
**Софтуер за управление**  
HP Display Center; HP Display Manager<sup>6</sup>  
**Режими на ниско ниво на синя светлина**  
Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)<sup>1</sup>  
**Без трептене**  
Yes (TÜV certified)  
**Обработка на екрана**  
Anti-glare  
**ТВ-ърдост**  
3H<sup>1</sup>  
**Замъгляване**  
25%  
**Монтиране по VESA**  
100 x 100 mm  
**Наклон**  
-5 to +23°

### Свързване и комуникации

**Портове и съединители**  
1 HDMI 1.4  
1 DisplayPort™ 1.2  
1 VGA  
**HDCP**  
Yes, DisplayPort™ and HDMI  
**Захранващо устройство**  
100 - 240 VAC 50/60 Hz  
(Internal)  
**Консумирана мощност в режим на готовност**  
0.5 W

### Логистика и физически

**Цвят на продукта**  
Black  
**Цвят на стойката**  
Black  
**Подвижна стойка**  
Yes  
**Физическа сигурност**  
Security lock-ready<sup>5</sup>  
**Отпечатък на основната площ**  
17.4 x 17 cm  
**Размери без стойка (Ш x Д x В)**  
48.8 x 5.13 x 29.43 cm  
**Размери със стойка (Ш x Д x В)**  
48.8 x 18.04 x 37.82 cm  
**Тегло**  
3.25 kg (with stand)  
**Размери с опаковката (Ш x Д x В)**  
56.7 x 12.1 x 38.7 cm  
**Тегло с опаковка**  
5.21 kg

### Сертификати и съответствие

**Енергийна ефективност**  
ENERGY STAR® certified D  
**Данни за околната среда**  
Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 85% post-consumer recycled plastic<sup>7,8</sup>  
**Сертификати**  
Australia MEPS; Bauart; CB; CE; CEL; China CCC; C-Tick; cTUVus; EAC; EUP Lot-5; EUP Lot-6; FCC; ISO 9241-307; KC (Korean) requirements; KCC (Korean) requirements; Korea MEPS (E-standby); NOM (Mexico); PSB for Singapore; RCM; SEPA; S-Mark for Argentina; Taiwan BSMI; VCCI; Vietnam MEPS; EUP Lot-26; Ukraine Energy label; California Energy Commission (CEC); South Africa Energy; Mexico Energy; WW application; UAE; TGM; India BIS; Cambodia ISC; PSE; Works with Chromebook certified; CEL Grade 2  
**Сертифициране за Microsoft WHQL**  
Windows 11; Windows 10  
**Температурен диапазон при работа**  
41 to 95°F  
**Работен диапазон на влажност**  
20 to 80% RH (non-condensing)  
**Диапазон на влажността в неработещо състояние**  
5 - 95%

### Допълнителна информация

**Гаранция на производителя**  
HP three-year limited warranty  
**Какво има в кутията**  
Monitor; HDMI cable; Warranty card; Quick Setup Poster; AC power cord<sup>4</sup>  
**Страна на произход**  
Made in China and Thailand



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## Аксессуары и услуги (не са включени)

HP Business PC Security Lock v3 Kit



Help prevent chassis tampering and secure your PC and display in workspaces and public areas with the affordable HP Business PC Security Lock v3 Kit.  
**Номер на продукта:** 3XJ17AA

HP B200 PC Mounting Bracket



Create a compact, efficient workspace with the HP B200 PC Mounting Bracket. Simply attach the bracket to the base of your select P G5 Series monitor and easily slide in your select HP Desktop Mini PC<sup>1</sup> for an optimized space-saving solution that doesn't interfere with port access or tilt adjustment.  
**Номер на продукта:** 762T5AA  
<sup>1</sup> Compatible with HP P22v G5, HP P22 G5, HP P22h G5, HP P24v G5, HP P24 G5, HP P24h G5, HP P27 G5, and HP P27h G5 and select mini PCs: EliteDesk 800 G6 UMA Mini, EliteDesk 805 G6 UMA Mini, EliteDesk 800 G8 UMA Mini, EliteDesk 805 G8 UMA Mini, Elite Mini 800 G9 UMA, Elite Mini 600 G9, ProDesk 600 G6 Mini, ProDesk 400 G6 Mini, 260 G4 Desktop Mini, Pro Mini 400 G9 Desktop PC, Pro Mini 260 G9 Desktop PC.

HP Quick Release Monitor Single Arm



Give yourself more options for comfort and more space on your desk with the HP Quick Release Monitor Arm. With three easy options to mount on your desk and quick release attach for select E-Series G5/Series 5 Pro<sup>1</sup> and select Series 7 Pro monitors<sup>2</sup>, it's never been easier to maximize workday comfort and desk space.  
**Номер на продукта:** 762U0AA  
<sup>1</sup> Compatible with select HP E Series, Series 5 Pro, and Series 7 Pro monitors. Please check detailed compatibility on accessory datasheet.  
<sup>2</sup> Необходимо е VESA агагмер за монитор за избрани модели. Моля, свържете се със своя търговски агент или HP Service за допълнителни насоки.



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## Бележки под линия

### Бележки под линия за съобщенията

<sup>1</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. 100 Hz refresh rate can be supported via HDMI and DP cable connection only. 60 Hz refresh rate with VGA.

<sup>2</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

<sup>3</sup> 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.

<sup>4</sup> FHD content is required to view FHD images.

<sup>5</sup> HDMI 1.4 and AC power cable included. All other cables sold separately.

<sup>6</sup> Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.

<sup>7</sup> HP Display Manager software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors.

<sup>8</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard. Plastics consist 85% Post-Consumer Recycled Plastic (PCR).

<sup>9</sup> Recycling facilities not available in all locations.

<sup>10</sup> Compatible with all P G5 series, Series 3 Pro and these select mini PCs: Elite Mini 800 G9 UMA sku, Elite Mini 600 G9, Pro Mini 400 G9, Pro Mini 260 G9, EliteDesk 800 G8 UMA sku, EliteDesk 805 G8 UMA sku, EliteDesk 800 G6 UMA sku, EliteDesk 805 G6 UMA sku, ProDesk 600 G6, ProDesk 400 G6, 260 G4 Desktop Mini.

<sup>11</sup> Google tested to meet Chromebook compatibility standards.

<sup>12</sup> This product works with devices capable of running the latest version of Chrome OS and has been certified to meet Google's compatibility standards. Google is not responsible for the operation of this product or its compliance with safety requirements. Chromebook and the Works With Chromebook badge are trademarks of Google LLC.



### Бележки под линия за технически спецификации

<sup>1</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>2</sup> DisplayPort™ 1.2 or HDMI 1.4 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920 x 1080 at 100 Hz with 8-bit color using one HDMI or DisplayPort™; 1920 x 1080 at 60 Hz with 8-bit color using one VGA.

<sup>3</sup> Number of colors through A-FRC technology.

<sup>4</sup> Included cables may vary by country.

<sup>5</sup> Lock sold separately.

<sup>6</sup> Host PC requires Windows 10 and above. HP Display Center is available on the Microsoft store.

<sup>7</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard.

<sup>8</sup> Molded pulp cushions are made from 100% recycled wood fiber and organic materials.

