QuickSpecs

Technical Specifications

HP P204v 19.5-inch Monitor

Front

1. Power LED Indication

Technical Specifications

HP P204v 19.5-inch Monitor

Back

1. Power On/Off
2. Next Active Input/Exit
3. Plus /Viewing mode
4. Minus /Auto (VGA); information (DP)
5. Menu/ Select

6. Power Connector
7. HDMI Connector
8. VGA Connector
9. HP Security Lock

Technical Specifications

Model: 5RD66AA

Panel Specifications	**Display Size (Diagonal)**	19.5-inch
	Display Panel Type	TN
	Native Resolution/Timing	1600 x 900 @60 Hz
	Aspect Ratio	16:9
	Brightness - Typical	200 cd/m²
	Static Contrast Ratio - Typical	600:1
	Dynamic Contrast Ratio (DCR)	10M:1
	Pixel Pitch	0.27x 0.27mm
	Pixels Per Inch (PPI)	94.1
	Backlight Lamp Life (to half brightness - in hours)	40k minimum
	Anti-Glare Panel	Yes
	BrightView Panel	No
	Response Time - Typical	5ms
	Color Gamut - Typical	72%
	Color Support	Up to 16.7 million colors
	Horizontal Viewing Angle (typical CR>10)	90
	Vertical Viewing Angle (typical CR>10)	50
	Panel Active Area (w x h)	432.00(H) × 239.76(V)
	Preset Graphic Modes/Supported Resolutions	640 x 480 @ 60Hz 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 800 @ 60 Hz 1280 x 1024 @ 60 Hz 1366 x 768 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz
	Maximum Resolution	1600 x 900@ 60 Hz
	Recommended Resolution	1600 x 900@ 60 Hz
	Vertical Scan Range	50-60 Hz
	Horizontal Scan Range	30-70 kHz
	Default Color Temperature	Neutral (6500)
	Maximum Pixel Clock Speed	170 Mhz

*The video card of the connected PC must be capable of supporting 5120 x 2880 at 60 Hz and include 2 DisplayPort™ outputs to drive the monitor at the Preferred Mode

NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Color Management	**Factory Color Calibrated**	Yes (Color Temperature)
	Factory Color Presets	Warm - 5000K, Neutral - 6500K,

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Cool - 9300K

Monitor Specifications	**Exterior Color of Monitor Bezel and Stand**	Black
	Backlight Flicker Free	Yes
	Plug & Play	Yes
	Tilt	-5 to + 25 degrees
	Security Lock Ready	Yes
	Detachable Base	Yes
	Warranty	3/3/0:MEX/TWN/ANZ/JPN/VIET/THAI 3/3/3:INDIA/PRC
On Screen Display (OSD)	**On Screen Display User Controls**	Brightness+, Color, Image, Input, Power, Menu, Management, Information, Exit
	User Programmable Modes	Yes, 10
	Monitor Control Buttons or Switches	Menu/Ok, Minus ("-")/auto (VGA)/information (HDMI&DP), Plus ("-")/viewing mode, Next input, Power
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	VESA Mounting	Yes
Connector Types	**VGA**	Yes
	DVI-D	No
	HDMI	1, HDMI 1.4
	MHL/HDMI	No
	HDCP support	Yes (HDMI)
	Audio	No
	USB	No
	Card Reader	No
	DisplayPort™ 1.2	No
	DisplayPort™ Daisy Chain (up to 4 displays)	No
	Video/audio cables included with lengths	VGA 1.8m
Power and Operating Specs	**Power Supply**	Internal
	Power Source	100 – 240 VAC 50 / 60 Hz
	Power Consumption - Maximum	16 W
	Energy Saving/Standby Mode	0.3 W
	Power Consumption - Typical	15 W
	Power cable length	1.83 m
Energy Star Data	**Operational Mode at 100 VAC**	11.46KWH
	Operational Mode at 115 VAC	11.35KWH
	Operational Mode at 230 VAC	11.46KWH
	On-mode Power Consumption (EC 1062/2010)	11.8 W

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EU Energy Efficiency Class (EC1062)	Annual Power Consumption (EC 1062/2010)	17.2K WH / annum
	Energy Efficiency Class (EC 1062/2010)	A+
	Visible Screen Size	19.5" / 49.5 cm
Operating Conditions	Operating Temperature – Celsius	5° - 35° C
	Operating Temperature – Fahrenheit	41° - 95° F
	Non - operating Temperature – Celsius	-20° to 60° C
	Non - operating Temperature – Fahrenheit	-4° to 140° F
	Operating Humidity	20 – 80% (non-condensing)
	Non-operating Humidity	5% – 95%
	Operating Altitude	0 – 5,000 m (16,400 ft.)
	Non-operating Altitude	0 – 12.192 m (40,000 ft.)
Environmental Features and Certifications	Mercury-free LED display backlighting	Yes, Mercury-free LED backlights
	Arsenic-Free Display Glass	Yes
	Low Halogen**	Yes
	Agency Approvals and Certifications	WW application CE/CB/UL/cTUVus/FCC/ICES/CEC/SEPA/Energy Star/TCO/EPEAT2 Silver/S-mark/TUS-GS/EAC/UA TR/ErP/CCC/CEL/CECP/BSMI/TWN GREEN MARK/VCCI/PSE/KC/MSIP/eStandby/RCM/ Australian-New Zealand GEMS(MEPS)/Vietnam MEPS/BIS/ISC/Morroco CM/South Africa NRCS/ PVOC(Algeria/Gabon/Kenya/Kuwait/Nigeria/Tanzania/Ugan da)Serbia CoC/TUV Low blue light
	Microsoft WHQL Certification	Win 7, Win 8, Win 10, Win 11
	ENERGY STAR®	Yes
	EPEAT® Registered*	EPEAT® 2.0 Silver
	China Energy Label	CEL Grade 2
		* Monitors produced from June 2024 comply with China regulation GB 21520-2023.
	TCO Certified Edge	No
	TCO Certified	Yes
	SmartWay Transport Partnership - NA only	No

*EPEAT® Silver registered in the U.S. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at http://www.hp.com/go/options.

**External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

Contains Recycled Plastics	Contains Recycled Plastics in Back Cover	0.35
	Contains Recycled Plastics in Back Base/Stand	0.28

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	Contains Recycled Plastics in Other Part	35% (Bezel)	
	Recyclable Plastics	All	
	Recyclable Packaging (Box, packing materials)	All	

		Metric	**Imperial**
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	46.26 x 19.00 x 35.36 cm	18.21 x 7.48 x 13.92 in
	Product Dimensions (Packed)	54.3 x 13.6 x 34.9 cm	21.38 x 5.35 x 13.74 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	46.26 x 4.87x27.87 cm	18.21 x 1.92 x 10.97 in
	Base Area Footprint (w x d)	200 x 190 mm	7.87x7.48 in
	Bezel Measurements	Top 16.22 mm Side 14.60 mm Bottom 21.32 mm	Top 0.64 inch, Side 0.57 inch Bottom 0.84 inch
	Product Weight (Unpacked with stand)	2.81 kg	6.19 lb
	Product Weight (Packed)	4.22 kg	9.3 lb
	Product Weight (Head Only)	2.23 kg	4.92 lb

		Metric	**Imperial**
Pallet Information	Pallet Dimensions (L x W x H)	Pallet A: 1234 x 1096 x 120 mm Pallet B: 1098 x 1096 x 120 mm Slip sheet A: 1240 x 1097 x 1.1 mm Slip sheet B: 1104 x 1097 x 1.1 mm	Pallet A: 48.58 x 43.15 x 4.7 in Pallet B: 43.23 x 43.15 x 4.7 in Slip sheet A: 48.82 x 43.19 x 1.1 inch Slip Sheet B: 43.46 x 43.19 x 1.1 inch
	Pallet Total Weight	Pallet A: 468.76 kg Pallet B: 418.12 kg Slip sheet A: 536.52 kg Slip sheet B: 477.44 kg	Pallet A: 1033.44 lbs Pallet B: 921.8 lbs Slip sheet A: 1182.82 lbs Slip sheet B: 1052.58 lbs
	Pallet Layers	Pallet: 5 layers (GQ)/6 layers (HQ) Slipsheet: 6 layers (GQ)/7 layers (HQ)	
	Pallet Product per Layer	Pallet A: 18 units Pallet B: 16 units Slip sheet A: 18 units Slip sheet B: 16 units	
	Total Products per Pallet	Pallet A: 90 units (GQ)/108 units (HQ) Pallet B: 80 units (GQ)/96 units (HQ) Slip sheet A: 108 units (GQ)/126 (HQ) Slip sheet B: 96 units (GQ)/112 (HQ)	

Software Included	Software included	HP Display Assistant

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Recommended Accessories*	Description	Part Number
	HP USB-C Universal Dock	1MK33AA
	HP Recycled Series 15.6" Backpack	5KN28AA
	HP Quick Release Bracket 2	6KD15AA
	HP S101 Speaker Bar	5UU40AA
	HP Hot Desk Stand	W2Z73AA
	HP Dual Head Keyed Cable Lock 10 mm	T1A64AA
	*Sold separately and availability may vary by country	

What's in the box?	AC power cord	(1.83m) 6.0 ft
	VGA Cable - China, Argentina, and all EMEA countries only*	(1.8m) 5.9ft
	*VGA Cable: Manufacturing PN ends with -0xx	
	HDMI Cable – Mexico, and all APJ countries except China*	(1.8m) 5.9 ft
	*HDMI Cable: Manufacturing PN ends with -Bxx	
	NOTE: Included cables may vary by country.	

User guide / Warranty languages	User Guide Languages	English,S.Chinese,T.Chinese,Bahasa,Indonesia,Japanese,Korean,French,Spanish,B.Portuguese,Danish,Dutch,Russian,Slovak,Turkish,Arabic,Lithuanian,Romanian,Finnish,German, Hebrew, Italian, Norwegian, Swedish, Czech, Greek, Hungarian, Polish, Portuguese, Iberian, Kazakh, Slovenian, Ukrainian, Bulgarian, Latvian.
	Warranty Languages	English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish

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Environmental Data	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 - US ENERGY STAR® - TCO 8.0 - EPEAT® Silver registered in the United States. See http://www.epeat.net for registration status in your country. - US Federal Energy Management Program (FEMP)

	Energy Consumption (in accordance with US ENERGY STAR® test method)	**115VAC, 60Hz**	**230VAC, 50Hz**	**100VAC, 50Hz**
	Normal Operation	11.35 W	11.46 W	11.45 W
	Sleep	0.13 W	0.15 W	0.12 W
	Off	0.05 W	0.09 W	0.05 W
	Heat Dissipation*	**115VAC, 60Hz**	**230VAC, 50Hz**	**100VAC, 50Hz**
	Normal Operation	39 BTU/hr	39 BTU/hr	39 BTU/hr
	Sleep	0 BTU/hr	1 BTU/hr	0 BTU/hr
	Off	0 BTU/hr	0 BTU/hr	0 BTU/hr

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

	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). - This product is in compliance with the IEEE 1680 (EPEAT) standard at the silver level, see http://www.epeat.net - Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043. - This product contains 14.9% post-consumer recycled plastic (by wt.) according to IEEE 1680.1-2018 standard, criterion 4.2.1.1. - This product is 98.7% recycle-able when properly disposed of at end of life.

	Packaging Materials	**External:**	PAPER/Corrugated	442 g
		Internal:	PLASTIC/EPS (Expanded Polystyrene)	292 g
			PLASTIC/Polyethylene low density	10 g
			PLASTIC/Polyethylene high density - HDPE	6 g

	RoHS Compliance	HP Inc. complies fully with materials regulations. We were among the first companies to extend the restrictions in the European Union (EU) Restriction of Hazardous Substances (RoHS) Directive to our products worldwide through the

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		HP GSE. HP has contributed to the development of related legislation in Europe, as well as China, India, and Vietnam. We believe the RoHS directive and similar laws play an important role in promoting industry-wide elimination of substances of concern. We have supported the inclusion of additional substances—including PVC, BFRs, and certain phthalates—in future RoHS legislation that pertains to electrical and electronics products. We met our voluntary objective to achieve worldwide compliance with the new EU RoHS requirements for virtually all relevant products by July 2013, and we will continue to extend the scope of the commitment to include further restricted substances as regulations continue to evolve. To obtain a copy of the HP RoHS Compliance Statement, see HP RoHS position statement.
	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_spe cifications.html): - Asbestos - Certain Azo Colorants - Certain Brominated Flame Retardants – may not be used as flame retardants in plastics - Cadmium - Chlorinated Hydrocarbons - Chlorinated Paraffins - Bis(2-Ethylhexyl) phthalate (DEHP) - Benzyl butyl phthalate (BBP) - Dibutyl phthalate (DBP) - Diisobutyl phthalate (DIBP) - 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

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		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 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.

	HP, Inc. 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/product desi gn/ecolabels.html
		  ISO 14001 certificates:
		    http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c047 55 842
		
		and http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf

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Summary

Change Log

May 7, 2019	V1 to V2	Add	Added Environmental Section
April 13, 2022	V2 to V3	Add	HDMI Cable in What's in the Box? Section
February 8, 2023	V3 to V4	Updated	Product Dimension and What's in the Box? Section
February 15, 2023	V4 to V5	Updated	Product Dimension section
February 16, 2023	V5 to V6	Updated	What's in the box? Section
April 4, 2023	V6 to V7	Updated	What's in the box? Section
April 13, 2023	V7 to V8	Added	Color Management section
August 31, 2023	V8 to V9	Updated	Product weight and pallet weight
September 12, 2023	V9 to V10	Updated	Pallet information section
December 20, 2023	V10 to V11	Added	Windows 11
April 3, 2024	V11 to V12	Added	CEL changed to grade 2 and footnote added