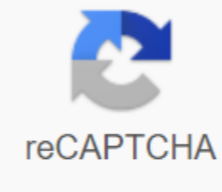




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Vizio p series quantum x full specs

Image Unavailable for Color: 1Description2Quantum Color3UltraBright 27004Active Full Array with 480 Local Dimming Zone54K UHD Resolution with HDR6Smart TV Powered by SmartCast OS7Chromecast built-in8VIZIO WatchFree 9Octa Processor-Core10Five HDR- and UHD-Ready HDMI Ports11USB Multimedia Playback12DTS Studio Sound 1113Clear Action 96014Quick Start Mode15Additional DetailsJoy 4K UHD content and HDR, Dolby Vision, and HLG HDR compatibility with VIZIO P-Series Quantum X 75 Class HDR 4K UHD Smart Quantum Dot LED TV. It supports HDR10, Dolby Vision, and HLG HDR formats and features a Quantum Dot LED LCD panel with 480 local dimming areas to provide accurate colors and improved contrast. Its effective 240 Hz refresh rate is increased by Clear Action 960 technology to help provide smooth movement. The P Quantum X Series has a built-in Chromecast, allowing you to distribute apps directly from your on-screen compatible smart device over your Wi-Fi network; you can also download apps directly to your TV thanks to the on-board SmartCast operating system. The five HDMI ports offer connections to digital HD devices, such as Blu-ray players, cable/satellite boxes, game systems and more. You can control your VOICE TV through your Google Assistant or Amazon Alexa device or the included remote control. Note: Content purchased through certain apps may require you to subscribe to a service. A Google Assistant or Amazon Alexa device is required to control your TV with Google Assistant or Alexa. Quantum Color is designed to provide cinematic color intensity. UltraBright 2700 offers bright and detailed tones at a brightness of up to 2700 cd/m², accurately replicating the nuances in each image and revealing fine details otherwise lost in the bright or dark areas of an image. With 480 local dimming areas, the Quantum X P Series produces bright white levels and deep black levels in different parts of the image at the same time. Watch 4K UHD TV in clear 4K resolution with improved HDR color quality with compatible media and source devices. The P Quantum X Series supports HDR10, HLG, and Dolby Vision HDR formats. Enjoy instant access to popular apps right on your TV and voice control through Alexa-compatible devices in Google Assistant and Amazon. It will also support Siri, Apple AirPlay 2 and HomeKit with a future firmware update. Access web content and thousands of entertainment apps, mirror your compatible laptop or mobile device, and enjoy music with built-in Chromecast. You can also browse the web with Google Chrome. Over 100 live streaming channels and the internet are available for free, live news, movies, sports, comedy, music and more. The processor is the brain of the TV, and a high-powered processor means less lag in streaming apps or during switching activities. Each HDMI input supports HDR and UHD resolution, allowing you to connect 4K game consoles, Blu-ray players and more. Play photos, music, and videos without a computer using the built-in USB port. DTS Studio Sound II delivers virtual surround sound from the TV's built-in speakers. Enjoy fast-acting sports and movies with improved motion clarity using image processing technology and an efficient 240 Hz refresh rate achieved with background light scanning. Turn on this mode to automatically turn on the TV with a voice command or a tap of the Cast button. Dual-band Wi-Fi 5 (802.11ac) onboard Support for VP9 and HEVC (H.265) UHD codecsVIZIO P-Series Quantum X SpecsDisplayPanel TypeQuantum Dot LCDHDR CompatibilityHDR10, Dolby Vision, Hybrid Log GammaDynamic Contrast Ratio50:1Video/Video SystemNTSC/TV TunerYesControl ConsoleInput Ports3 x HDMI Type A (Bottom)2 x HDMI Type A (Side)1 x F-Type (RF Antenna)1 x 3RCA (Component/Composite) (Side)1 x 2RCA (Analog Audio) (Side)Output Ports1 x TOSLINK Optical (Digital Audio) (Bottom)1 x 2RCA (Analog Audio) (Bottom)Wi-FiYesUSB Ports1 x USB (Version Unspecified) (Audio, Photo, Video) (Side)EthernetLANConvenienceVirtual Assistant SupportAmazon Alexa, Google AssistantSmart TVSmartCast OS Supported LanguagesWall Mounting400 x 400 mmRemoteGeneralPower ConsumptionOperational: 300.1 WStandby: < 0.5 WDimensions65.7 x 40.2 x 13.4 / 1669.3 x 1022.1 x 340.1 mm (With Stand)65.7 x 39.2 x 2.6 / 1669.3 x 995.2 x 67.3 mm (Without Stand)Weight79.6 lb / 36.1 kg (With Stand)78.6 lb / 35.6 kg (Without Stand)Packaging InfoPackage Weight101.3 lbBox Dimensions (LxWxH)74 x 45 x 8 Remote Control Video Connections HDMI , SPDIF output, USB, audio output, video input component, network 19 pins HDMI Type A, 4 pins USB Type A, RJ-45 Various Flat Panel Mount Interface TV Tuner Annual Power Consumption Head TV System Octa-Core Processor, Chromecast built-in, UltraBright 3000, 384 local dimming areas Dimensions & Weight Television Motion Enhancement Technology 240Hz Efficient Refresh Rate, Clear Action 960 4K HDR, Dolby Vision, HDR 10, Hybrid Log-Gamma (HLG) Built-in Chromecast, Octa-Core Processor Audio System Audio Return Channel (ARC) Media Player Network & Internet Multimedia Internet Streaming Services Amazon Prime Video, Hulu, Netflix, Vudu, Xumo, iHeartRadio Speaker System Details Nominal (RMS) Output Power Device Power Consumption Stand by Stands & Mounts Flat Panel Mount Interface Dimensions & Weight (Shiel (Shiel) Dimensions & Weight Details panel with stand , panel without Service & Support Service & Support Details General Power Consumption Operational Remote Control Video Connections HDMI, SPDIF output, USB, audio output, video input component, network 19 pin HDMI Type A, 4 pin USB Type A, RJ-45 Various Flat Panel Mount Interface TV Tuner Power Energy per Year Estimaty O operation Cost TV System Octa-Core Processor, Processor, built-in, UltraBright 2700, 480 Local Fade Zones Dimensions & Weight Television Motion Enhancement Technology 240Hz Effective Refresh Rate, Clear Action 960 4K HDR, Dolby Vision, HDR 10, Hybrid Log-Gamma (HLG) Chromecast built-in, Octa-Core Processor Audio System Audio Return Channel (ARC) Media Player Network & Internet Streaming Services Amazon Prime Video, Hulu, Netflix, Vudu, Xumo, iHeartRadio Speaker System Details Nominal (RMS) Output Power Device Power Consumption Stand by Stands & Mounts Flat Panel Mount Interface Dimensions & Weight (Shipping) Dimensions & Weight De tails panel with stand , panel with stand Service & Support Service & Support Details General Power Consumption Operational Value for price beaten - , - by - no value for the price beaten by ; Samsung Q80/Q80T QLED Value for the price beaten by ; LG CX OLED Value for the price beaten by ; LG CX OLED Value for the price beaten by ; none - Value for the price beaten by ; LG CX OLED Value for the price beaten by ; none - Value for the price beaten by ; LG BX OLED Value for the price beaten by ; none - Value for the price beaten by ; Samsung Q80/Q80T QLED Value for the price beaten by ; Sony X800H Value for the price beaten by ; LG CX OLED Value for the price beaten by ; none - Value for the price beaten by ; LG CX OLED Value for the price beaten by ; none - Value for the price beaten by ; LG BX OLED Value for the price beaten by ; none - Value for the price beaten by ; Samsung Q80/Q80T QLED Value for the price beaten by ; Sony X800H Page 2 Updated October 30, 2020 at 12:44 PM By Nicholas Di Giovanni 286 TVs Store-bought TVs; no cherry-tinged units Easily comparable results No ads; impartial comments Supported directly by you, through insider access and when you purchase through our affiliate links, learn more about our approach to product reviews here. Almost every new TV that was released this year has a 4k resolution. Unless there is a specific reason that you are looking for a 1080p TV, you should be able to cover your needs with one of the 4k models that are available on the market. We've tested more than 70 TVs in the last two years, and below are our recommendations for the best 4k TVs you can buy. Also, check out our recommendations for the best TVs, flat-screen TVs and smart TVs. Type OLED Sub-Type WRGB Resolution 4k Dimensions: 48 55 65 77 The best 4k TV I've tested is LG CX. Like any OLED TV, it doesn't have a backlight because it turns off individual pixels, producing perfect black. This is ideal for watching movies in a dark room, and also has very wide, great viewing angles for when you want to watch TV with the whole family. It's a remarkable choice for games. Has response time almost instantaneously, resulting in fast-moving content that has minimal motion blur. It has a 120Hz refresh rate and supports FreeSync technology with variable refresh rate (VRR) that can match the refresh rate with the game's frame rate, reducing screen breakage. It has four HDMI 2.1 inputs, making it future-proof, and the built-in operating system is LG WebOS, which is easy to use, and the app store has a large selection of apps available for download. It has good built-in speakers, so you won't necessarily have to add a sound bar if you don't want to. Unfortunately, like any OLED, it has the risk of permanent burning, which is just a real problem with constant static elements, would be if you watch the news all day. Because of this problem, it doesn't get very bright. However, it has outstanding reflection handling, and HDR content looks great thanks to its excellent wide color range. In general, it produces outstanding image quality, making it the best 4k TV we've tested. See our review Type LED Sub-Type VA Resolution 4k Dimensions: 50 55 65 75 85 If you don't want to worry about the permanent long-term burn-in risk, then check out the Samsung Q80/Q80T QLED. It doesn't produce perfect black like the LG CX OLED, but with its VA panel, it still has a high contrast ratio, great black uniformity, and a decent full-array local dimming feature. It has Samsung's Ultra Viewing Angle, which improves viewing angles, so it's suggested for fairly wide seating arrangements. It's one of the best gaming TVs we've tested because it has FreeSync support, a 120Hz refresh rate, excellent response time and an incredibly low input lag. Unfortunately, it has some uniformity issues, but this can vary between units. It gets bright enough to combat blindness or to make pop highlights in HDR, has outstanding reflection manipulation, and out-of-the-box color accuracy is excellent. If you are a fan of watching 4k movies in dark rooms and want an infinite contrast ratio with an OLED panel, then you can't go wrong LG. However, if you want an LED TV that gets brighter, then check out Samsung. See our review Type LED Sub-Type VA Resolution 4k Dimensions: 65 75 85 Best 4k TV for watching HDR content is Vizio P Series Quantum X 2020. It is great in general with excellent HDR performance. It is mainly available in larger sizes, from 65 to 75 inches, and an 85-inch model will eventually be released. It displays one of the widest color ranges we've tested, with near-perfect coverage of the commonly used DCI P3 color space and excellent rec. 2020 coverage wider. It gets incredibly bright in HDR, so small highlights really pop the way they should, and has excellent gradient handling. With its VA panel, it has a remarkable contrast ratio, black uniformity and its local dimming feature with full matrix deepens any black even more, so it's great for watching HDR movies in dark rooms. If you also watch content in bright rooms, it becomes bright enough to combat blindness and has excellent manipulation reflection. Unfortunately, it has upscaling problems with 480p and 720p content, so it is not suggested for watching DVDs or content from cable boxes, but should not have problems with or 4k native content. Our unit has a mediocre color accuracy and a reddish tinge that remains even after calibration, but this can only be a problem with our unit. Regardless of these little problems, if you want to watch HDR content, this is one of the best 4k TVs to do so. See our review of LED Type Sub-Type VA Resolution 4k Dimensions: 55 65 If you want a cheaper option, then check out H9G Hisense. It doesn't display as widely as the Vizio P Quantum X 2020 series, but it still delivers excellent HDR performance. Hisense has a remarkable contrast ratio, incredible black uniformity, and a great local dimming feature, making blacks appear so should when viewed in the dark. It has high peak brightness in HDR, so it emphasizes the pop way the creator intended. It upscales content with lower resolution well, and removes 24p judder from any source. Unfortunately, it has narrow viewing angles, which is expected from a VA panel, and some may be disappointed to know that it does not support any VRRs for games. It has an excellent reflection handling and stunning peak brightness in HDR if you also want to use it in a well-lit environment. If you simply want the best 4k TV for watching HDR content, Vizio offers an excellent HDR experience, but if you want to save some money, then you can't go wrong with Hisense. See our review Type LED Sub-Type VA Resolution 4k Dimensions: 50 55 65 75 H8G Hisense is the best 4k TV we've tested in the budget category. It's a lower-end model of H9G Hisense, and even if you don't get as bright and you don't get the same HDR experience, it provides good value for its price, and most people should be happy with it. It's a great choice for watching movies in dark rooms thanks to the VA panel. It has an excellent contrast ratio, decent black uniformity, and full-array local blurring feature does a pretty good job at improving dark scenes. Even if you want to watch TV during the day, it becomes bright enough to combat the glow and has a decent reflection manipulation. It has a 60Hz base panel, and there is no VRR support, but you still get a good response time, a black frame insertion feature, and incredibly low input lag, so it should be good enough for most players. It also upscales lower-resolution, seamless content and removes judder from 24p sources, such as native apps or Blu-ray players. Unfortunately, it doesn't offer the best HDR experience, but it's not bad either. It shows wide range of colors, but does not get bright enough in HDR to make pop highlights, and gradient handling is just decent. Built-in Android TV isn't the easiest to use and you might feel laggy sometimes, but you'll get a massive selection of apps available for download. All in all, if you're on a budget and looking for a 4k TV, you should be happy that that. See our review Type LED Sub-Type VA VA Dimensions 4k: 50 55 65 75 If you prefer a budget-friendly 4k TV with easy to use Roku TV, then check out TCL 5 Series/S535 2020 QLED. It doesn't get as bright as the Hisense H8G, but displays a much wider color range and significantly improved gradient handling. TCL also has a VA panel with incredible native contrast and good black uniformity, and there is also a full-array local blur feature that slightly improves contrast. It has a quick response time, a black frame insertion feature to clarify the blurring of the motion, and the input gap is extremely low. It removes 24p judder from any source that is rare for a 60Hz TV, and upscales content with lower resolution without problems. Unfortunately, it is best to avoid using it in a well-lit environment, as it does not become bright enough to combat the glow, and the manipulation of reflection is only decent. If you want the best 4k TV available for a low cost, you can't go wrong with Hisense, but if you're a fan of Roku TV, you should definitely check out TCL. See our samsung Q90/Q90T QLED review. Samsung Q90T QLED is an excellent general LED TV, but for price, it's worth looking into the Q80T. See our review Of Sony A8H OLED: Sony A8H OLED is an excellent OLED TV, but Sony is more expensive than CX. See our review of our TCL 6 Series/R635 2020 QLED: TCL 6 Series/R635 2020 QLED is better than series 5, but it's not as good as Hisense H9G. See our review Of Sony X950H: Sony X950H has better color accuracy than Vizio, but is more expensive and has a worse contrast ratio. See our review of the Vizio P Series Quantum 2020: Vizio P Series Quantum 2020 is cheaper than the P Quantum X 2020 Series, but it's not worth getting it over H9G. See our review LG BX OLED: LG BX OLED is another excellent OLED TV, but it's harder to find than CX. See our review of the Vizio M7 Series Quantum 2020: Vizio M7 Series Quantum 2020 is just as priced with TCL and the two perform the same, but Vizio doesn't have as good smart features. See our Review Sony X900H: Sony X900H has better color accuracy than H9G, but it doesn't get as bright and costs more. See our review 10/30/2020: Minor text updates for clarity; no change in the pickle. 10/01/2020: Removed Vizio P Series Quantum X 2019 and moved Samsung Q80T in its place; replaced Sony X950H with the Vizio P Quantum X 2020 Series and added Hisense H9G; replaced the 2019 TCL 6 Series with the 2020 Series 5. 07/09/2020: Replaced LG B9 with LG CX; replaced Sony X950G with X950H; replaced Hisense H9F with H8G and added the TCL 6 Series 6 Vizio as an Alternative removed Q80R from the pick. All of our reviews are what we think are currently the best 4k TVs to buy for most people in every price range. New factor in price (a cheaper TV wins over a pricier if it's not worth it), feedback from our visitors, and availability (no TVs that are difficult to find or almost out of stock everywhere). If you want to do the work of choosing yourself, here is the list of all our 4k TV reviews. Make sure you don't get too caught up in the details. While no TV is perfect, most TVs are big enough to please almost everyone, and differences are often not visible unless you really look for them. Them.