Dell 4GB AMD Radeon Pro WX 3100 Graphics Card (2x Mini Display Ports 1x Display Port)

Model: 0JFH4F

Manufacturer: DELL

Product Code: 1421163

R3,840 ~~R5,215~~

- Key Features: Compatible with: T3620 FARALLON MT CTO, T3620 FARALLON MT BTX, 7920 XL TOWER MATIRA 7 XL CTO, 7920 XL TOWER MATIRA 7 XL BTX, 7920 TOWER MATIRA 7 CTO, 7920 TOWER MATIRA 7 BTX, 7820 XL TOWER MATIRA 5 XL CTO, 7820 XL TOWER MATIRA 5 XL BTX, 7820 MATIRA 5 CTO, 7820 MATIRA 5 BTX, 5820 XL TOWER MATIRA 3 XL CTO, 5820 XL TOWER MATIRA 3 XL BTX, 5820 TOWER MATIRA 3 CTO, 5820 TOWER MATIRA 3 BTX, 3630 TURTLE BAY OEM CTO, 3630 TURTLE BAY OEM BTX, 3630 TURTLE BAY CTO, 3630 TURTLE BAY BTX The Radeon Pro WX 3100 was a performance-segment professional graphics card by AMD, launched on June 12th, 2017. Built on the 14 nm process, and based on the Lexa graphics processor, in its Lexa XT variant, the card supports DirectX 12. The Lexa graphics processor is an average sized chip with a die area of 103 mm² and 2,200 million transistors. Unlike the fully unlocked Radeon 550X 640SP, which uses the same GPU but has all 640 shaders enabled, AMD

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has disabled some shading units on the Radeon Pro WX 3100 to reach the product's target shader count. It features 512 shading units, 32 texture mapping units, and 16 ROPs. AMD has paired 4 GB GDDR5 memory with the Radeon Pro WX 3100, which are connected using a 128-bit memory interface. The GPU is operating at a frequency of 925 MHz, which can be boosted up to 1219 MHz, memory is running at 1500 MHz (6 Gbps effective). Being a single-slot card, the AMD Radeon Pro WX 3100 does not require any additional power connector, its power draw is rated at 65 W maximum. Display outputs include: 1x DisplayPort 1.4a, 2x mini-DisplayPort 1.4a. Radeon Pro WX 3100 is connected to the rest of the system using a PCI-Express 3.0 x8 interface. The card measures 168 mm in length, 69 mm in width, and features a single-slot cooling solution Graphics Processor GPU Name Lexa GPU Variant Lexa XT Architecture GCN 4.0 Foundry GlobalFoundries Process Size 14 nm Transistors 2,200 million Density 21.4M / mm² Die Size 103 mm² Chip Package FCBGA-769 Graphics Card Release Date Jun 12th, 2017 Generation Radeon Pro Polaris (WX x100) Predecessor Radeon Pro GCN Successor Radeon Pro Vega Production End-of-life Launch Price 199 USD Bus Interface PCIe 3.0 x8 Clock Speeds Base Clock 925 MHz Boost Clock 1219 MHz Memory Clock 1500 MHz 6 Gbps effective Memory Memory Size 4 GB Memory Type GDDR5 Memory Bus 128 bit Bandwidth 96.00 GB/s Render Config Shading Units 512 TMUs 32 ROPs 16 Compute Units 8 L1 Cache 16 KB (per CU) L2 Cache 512 KB Theoretical Performance Pixel Rate 19.50 GPixel/s Texture Rate 39.01 GTexel/s FP16 (half) 1,248 GFLOPS (1:1) FP32 (float) 1,248 GFLOPS FP64 (double) 78.02 GFLOPS (1:16) Board Design Slot Width Single-slot Length 168 mm 6.6 inches Width 69 mm 2.7 inches TDP 65 W Suggested PSU 250 W Outputs 1x DisplayPort 1.4a 2x mini-DisplayPort 1.4a Power Connectors None Board Number 109-D09187-00B_02

- Warranty: 1 Year

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