



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



Model: 0JFH4F

Manufacturer: DELL

Product Code: 8583

**R5,542** ~~R6,306~~

- 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 mm<sup>2</sup> 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	GPU Variant	Lexa XT Architecture	GCN 4.0
Foundry	GlobalFoundries	Process Size	14 nm	Transistors 2,200 million
Density	21.4M / mm <sup>2</sup>	Die Size	103 mm <sup>2</sup>	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