

Specs

I purchased this Dell OptiPlex 7050 via Ebay for around \$60.00. It is a small form factor (SFF) desktop, with additional PCIe expansion slots, which made it a suitable alternative to other dedicated hardware these days for firewall appliances. The desktop specs were as follows:

- Processor - Intel Core i5-7600T 3.50GHz
- 8 Gb DDR4 Ram
- 500 Gb SSD
- Intel HD Graphics 630

The small form factor version of this desktop came with:

- 2x VGA ports
- Optical Drive
- 1x USB-C port
- 4x USB 2.0 ports
- 2x DisplayPort
- 1x HDMI port
- 1x RJ45 ethernet port

The most important reason for selecting the SFF version was its capacity for PCIe expansion. Firewall appliances require 2 RJ45 ports, and these expansion slots allowed me to purchase a Network Interface Card (NIC) and install it on the motherboard. You can find more information about the NIC I purchased on the next page!

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