

DSI COMPUTER AND MONITOR OVERVIEW

DSI offers computer and monitor options that optimize performance while acquiring and analyzing data with DSI software. The recommended computer hardware depends on the use cases as follows.

COMPUTERS

Lenovo™ ThinkStation P330

Recommended for use with:

- **Ponemah** – when dedicating a specific computer as a Data Acquisition or Review workstation, especially if the computer will be used to acquire and analyze data.
- **NeuroScore** – when large amounts of data will be analyzed and high throughput is required, especially when using to acquire and analyze data on the same computer.
- **FinePointe** – when used as the FinePointe Server to aggregate data collected from networked Member Servers. Recommended when collecting from a large number of sites and when acquiring and analyzing large amounts of data.



Lenovo™ ThinkPad T480s

Recommended for use with:

- **Ponemah** – when a more mobile solution is desired. Only compatible with the PhysioTel Digital™, MX2, JET™ and 7700 data acquisition interfaces. Also may be used as a Data Review workstation for data analysis.
- **NeuroScore** – when a more mobile solution is desired to analyze data outside of the vivarium or on the go.
- **FinePointe** – when being used as a dedicated Member Server for data acquisition or when a more mobile solution is desired. Recommended for data acquisition and analysis.



Note: Docking Station included.

Samsung SE-2080GB external USB DVD±RW drive available.

Computer Specifications

	Lenovo WorkStation P330	Lenovo ThinkPad T480s
DSI Part Number	271-0112-029	271-0112-028
Processor	Intel Xeon E3-2144G / 3.6 GHz (Quad-Core)	Intel Core i7-8550U / 1.8 GHz (Quad-Core)
Memory	16 GB	8 GB
Video	Intel UHD Graphics P630	Intel UHD Graphics 620
Hard Drive	1st Drive: 512 GB SSD 2nd Drive: 240 GB SSD	256 GB SSD
Operating System	Windows 10 Professional 64-bit	Windows 10 Professional 64-bit
Microsoft Office	Microsoft Office Home and Business 2016	Microsoft Office Home and Business 2016
Network Card	Intel I219-LM Integrated NIC	Intel I219-LM Integrated NIC
Network Card 2	Intel Gigabit CT Desktop PCIe Network Adaptor	N/A
DVD/CD	DVD+/-RW SATA	N/A external drive required Samsung SE-2080GB (271-0113-009)
Miscellaneous		14" IPS 1920 x 1080 (Full HD) Lenovo ThinkPad Pro Docking Station

MONITORS

Acer B246HYL 23.8" LED Monitor

Strongly Recommended:

Use 2 monitors for data acquisition and analysis workstations, especially when using Ponemah or FinePointe.

DSI Part Number: 271-0113-011

LG 49LX341C 49" LED Monitor

The LG 49" LED monitor is available, should a larger viewing area be required. Wall mount available separately.

DSI Part Number: 271-0113-010 (monitor) / 007084-001 (wall mount)