

Online Summary

Introduction

- A computer is a [programmable](#) device that can store, retrieve, and process [data](#).
- A computer cannot function without having at the very minimum the parts listed below.
 - CPU / Memory / Storage Device / Motherboard / Power Supply / Output Device

Fire Extinguishers

- Class A – ASH – For fires involving wood / paper / trash
- Class B – Barrel - For fires involving flammable liquids / oils / gases
- Class C – Current – For fires involving electrical material

Power Protection

- Surge - a **surge** is a short, fast rise in [voltage](#) that inherently causes an increase in electrical current / A spike last shorter than a surge.
- Use a surge protector for surges. (Not effective against brownouts or blackouts)
- Brownout - Alternatively referred to as a **brownout, dip, sag, voltage reduction,** and **voltage sag, a voltage drop** is any decrease in voltage under one second / Longer reduction in voltage is called undervoltage.
- For Brownouts A Line Conditioner Is Best – Effective Against Surges / Spikes / Brownouts, However not effective against **Blackouts**