

PowerPlug Pro

Installation Requirements

Release 4.0

PowerPlug Pro Installation Requirements

The PowerPlug Pro system is comprised of a server component, installed on a computer in the organization, and Agent software, installed on each computer you want to include in your organization's power savings plan.

PowerPlug Pro Server Installation Requirements

The following requirements must be met for the PowerPlug Pro Server installation:

Operating System

- Windows Server 2008 SP2 (32-bit and 64-bit systems)
- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2016
- Windows Server 2019

Note: The server can also be installed on Windows 7, Windows 8 or Windows 10, for installations of up to 50 clients.

Microsoft .NET

- Microsoft .NET framework version 3.5 SP1

Database

- Microsoft SQL Server 2008 database
- Microsoft SQL Server 2008 R2 database
- Microsoft SQL Server 2012
- Microsoft SQL Server 2014
- Microsoft SQL Server 2016
- Microsoft SQL Server 2017
- Microsoft SQL Server 2019

Note: Includes all "Express" versions. 32-bit and 64-bit systems are fully supported. The server installation program can install .NET framework 3.5 SP1 and SQL Express if they are not already installed.

PowerPlug Pro Agents communicate with the PowerPlug Pro Server using the HTTP protocol.

HTTP communication requires an IIS Web Server installation on the PowerPlug Pro Server, with the following options installed:

- Static Content
- ASP.NET
- Windows Authentication
- IIS Management Scripts and Tools

The installation program is capable of automatically installing and configuring the IIS Web Server on all other operating systems.

Minimum Hardware Requirements

- Processor: Dual Core CPU, 2 GHz and up
- Memory: 2 GB of system memory
- Hard drive: 4 GB of available space

Recommended Hardware Requirements

- Processor: 4 Core CPU, 2 GHz and up
- Memory: 4 GB of system memory
- Hard drive: 8 GB of available space

Recommended Hardware Requirements (Virtual Machine)

- Processor: 4 Cores processor
- Memory: 4 GB of system memory
- Hard drive: 8 GB of available space

PowerPlug Pro Agent Installation Requirements

The PowerPlug Pro Agent installation has the following prerequisites:

Operating System

- Windows XP
- Windows Vista
- Windows 7
- Windows 8
- Windows 10
- Windows Server 2003
- Windows Server 2008
- Windows Server 2012

The Agent uses the Local System account to run.

The Agent software has a very small “footprint”. The installation package (MSI) is less than 4 MB and the overall space on disk is less than 12 MB (data files included).

The Agent uses less than 0.2% CPU on average and consumes between 3 MB to 7.5 MB of memory. The Agent can be installed using any software distribution system (such as, Microsoft SCCM, Group Policies) or using the PowerPlug Pro Console.

Network Loading

The PowerPlug Pro system load on the network is insignificant.

Each Agent uploads a 2 KB file to the PowerPlug Pro server every 12 hours (configurable).