

Protégé Power Solutions:

Modern PC's consume **60W to 250W!** Besides being prone to power failures, viruses and eventual lethargic performance, PC's are power hogs.

In contrast, Protégé touchcontrollers are embedded, low heat, yet high-performance interfaces. As convenient in-wall sentinels located in high traffic areas, they are virus resistant, **consume FAR less power**, generate less heat, save money and are always-on for spontaneous interaction / access to applications, content and communication.

Protege15 with Intel **ATOM 1.6GHz** CPU: 1/6th that of a modern PC

1. Running at its full power (LCD on, playing video/music with max volume): 31.0W.
2. Idling with LCD on: 23.8W.
3. Idling with LCD off: 13W

Protégé10 with Intel **ATOM 1.6GHz** CPU: 1/6th that of a modern PC

1. Running at its full power (LCD on, playing video clip/music with max volume): 20W.
2. Idling with LCD on: 15W.
3. Idling with LCD off: 12.4W

Protege8a with Intel **ATOM 1.6GHz** CPU: 1/8th that of a modern PC

1. Running at its full power (LCD on, playing video/music with max volume): 17.7W.
2. Idling with LCD on: 15.8W
3. Idling with LCD off: 13W

Protege8 with AMD **GEODE LX800** CPU: 1/12th that of a modern PC

1. Running at its full power (LCD on, playing video/music with max volume): 12W.
2. Idling with LCD on: **9.5W**.
3. Idling with LCD off: 7.4W

Protégé 6 with **RISC 336Mhz** CPU PoE ready!

1. Running at full power:
2. Idling with LCD on: **4.8W**

PoE Voltage Source Gear Requirement (IMPORTANT):

IEEE Std. 802.3af limits PSE power delivery to **<13W** at PD input (Type 1 PD). **Pro4, Pro6**

IEEE Std. 802.3at allows for **13W-25W** power levels (Type 2 PD). **Pro8, Pro8a/w, Pro10**

Protégé 8, 8a/w, 10a/w offer single cable power/Ethernet solutions using off-the-shelf PoE components as shown below.

