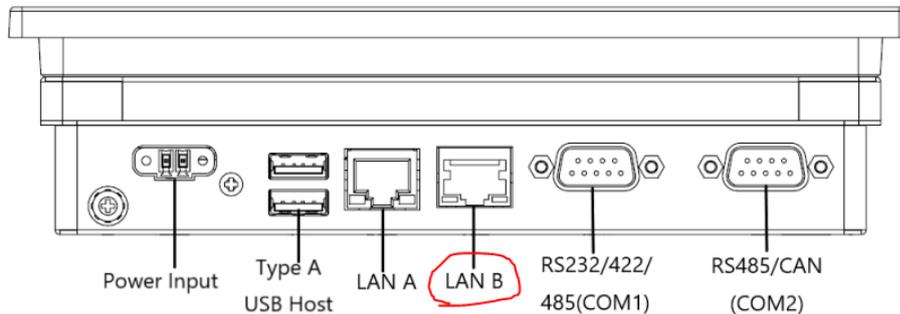


Powering TPC-107WW and TPC-110W from PoE+

**TPC-100W, PoE Module is needed for supporting PoE+
Only possible on TPC-107W and TPC-110W**

LAN B is supporting PoE+ Power Input - IEEE 802.3at



What is 802.3at?

The 802.3at standard increased the maximum power to 25.5 watts. It is commonly referred to as PoE+ or PoE Plus. Devices that consume at this wattage or less down to the wattage of type 1 devices are considered type 2 devices. The major benefit for this is that this standard supports higher power needs for devices (type 2). For example, VoIP phones with LCD and video conference ability may fit into this.

Another benefit for this is that at the switch level, it supports type 1 and 2 devices as it is backwards compatible with 802.3at. From a device perspective, 802.3at devices are likely to be more feature rich, including color screens where applicable. The downside is that with the increased power requirements, it could cost a lot more in power related costs. Many times power supplies require enough power that you may need one or more dedicated circuits for these power supplies. If you use a [battery backup](#), higher end backups are also needed. It can become difficult to supply the power in the way that's needed if you have many devices that need this increased power.