A8 eP2UE Enclosure *Product/Green Sheet*

Custom Enclosure with Built-in SimulCharge™ Adapter for Samsung Galaxy Tab A8

Designed to work with the Samsung Galaxy Tab A8 (SM-X200) tablet, the A8 eP2UE Enclosure features an integrated SimulCharge™ adapter to turn your device into a full-on tablet-based kiosk.

The built-in eSynC-P2UE adapter provides the tablet (sold separately) with simultaneous charging and access to data, Power over Ethernet (PoE), wired Ethernet connectivity, two USB-A ports for connecting USB peripherals and Network Recovery and Battery Modulation (RBM) technology.

Leveraging PoE technology, the enclosure does not require a dedicated AC source, as it can be fully powered through its built-in Ethernet port. Simultaneously, this port can provide 10/100 Ethernet connectivity between the mobile device and network, providing a single cable solution for mobile device power and data. PoE allows greater options for mobile device placement as it can be used in areas with limited electrical outlets. It can be placed up to 328 ft (100 m) from the power source.

The enclosure offers two USB-A ports for peripherals, such as a scanner and printer. The A8 eP2UE is ideal for running mobile POS systems, digital signage or company management systems in a 24-hour environment.

Battery Modulation protects the mobile device from overcharging and its battery from bloating, which can cause severe damage to the device. Together with the LAVA Tablet Manager (LTM) app, which needs to be installed on the mobile device, the built-in adapter optimizes battery life and makes the mobile device last longer for a better return on investment. LTM monitors the battery level and users can set upper and lower charging thresholds for the battery. When the battery charges to the higher threshold, it turns off charging and the mobile device is allowed to discharge until it hits the lower threshold. This ensures the battery never overcharges, even if it is left plugged in 24/7. This modulation and overcharge protection helps to extend the lifespan of both the battery and device.

Network Recovery provides a failsafe system to recover the wired network connection if it drops out. If the connection is lost for more than a few minutes, the LTM app sends a command to reset the Ethernet portion of the enclosure's adapter to re-establish the connection. It's the equivalent of unplugging the Ethernet cable and then plugging it back in.

The black, acrylic A8 eP2UE Enclosure also comes with standard VESA 100mm attachment points, which allow for easy tablet mounting and a wide array of personalized setups through VESA-standard commercial monitor arms and mounts.