

# A8 ePE Enclosure *Feature 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 ePE Enclosure features an integrated SimulCharge™ adapter to turn your device into a full-on tablet-based kiosk. The built-in eSynC-PE adapter provides the tablet (sold separately) with simultaneous charging and access to data, Power over Ethernet (PoE), wired Ethernet connectivity, 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.

Battery Modulation protects the mobile device's battery from overcharging and bloating. Through the LAVA Tablet Manager (LTM) app, installed on the mobile device, users can set upper and lower charging thresholds to ensure the mobile device's never exceeds a full charge, extending the lifespan of the battery. Meanwhile, Network Recovery can automatically recover a wired network connection if it unexpectedly drops out. The enclosure is ideal for use in a 24-hour environment.

The black, acrylic A8 ePE 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.

*Note: For system requirements and other technical information regarding this adapter, please see the specification sheet.*



## Features

- Integrated eSynC-PE SimulCharge™ Adapter
- Power over Ethernet (Class 0)
- Wired networking (10/100 Ethernet) support
- Battery Modulation for mobile device longevity
- Network Recovery
- Screen Brightness Management
- Support for installations running 24/7
- Portrait or landscape mounting options
- VESA mounting holes (100mm)
- No mobile device rooting required
- LAVA Limited Warranty

## Use Cases

- Kitchen Display System
- Staff Time Clock
- Boardroom Scheduling System
- Retail Display Signage
- Hospital Patient Info Display