

Application #001

AMT-N5568A: Wireless LAN PC on forklift



The Product

The AMT-N5568A is a rugged fully sealed enclosure that houses a Single Board Computer with an Intel “Tillamook” 266MHz CPU, LGPhilips 10.4” dia. TFT LCD display and 10.4” dia. Infra-Red Touch screen. The sealing of the enclosure allows the system to be used in dirty, dusty environments.

Another feature of the AMT-N5568A is the addition of a PC/104 PCMCIA carrier, that accommodates a Wireless LAN card. The Wireless LAN output is facilitated via an external RF connection, designed to be connected to an antenna suitable for the application.

The Application

“Forklift navigation” could be one term used to describe the use for this computer. Information from the process network is sent to the PC that is mounted on the forklift via wireless LAN. The information is displayed on the screen of the PC, describing to the driver where to go and which stock to pick up, and where to load the stock.

The touch screen allows the driver to provide feedback to the system, acknowledging when an action has been completed, so that the network can automatically update inventory levels, and continue to instruct the driver of the forthcoming jobs to be done.

Features

- Designed to meet Customers specifications.
- Lightweight, rugged, dust-proof enclosure.
- Major sub-assemblies carried in stock.
- Local Engineering support.
- Quick turn around time for repairs.