



RUGGEDIZED TABLET TECHNOLOGY: A Buyer's Guide For All Businesses



TOUCH
DYNAMIC

CONSUMER-GRADE VS. RUGGEDIZED TABLETS

What does your business need in a complete tablet solution? Will it have all the features and functionality needed to optimize the performance of your workforce? To narrow the field of tablet options, first determine what level of ruggedization and other performance requirements are needed based on your unique application environment.

Some tablets are as sleek and attractive as they are impractical — heat, dust, spills, and heavy use make these devices vulnerable to damage and downtime that disrupts your business and ultimately costs you money.

Unlike tablets built for the consumer market, ruggedized tablets are designed to withstand harsh environments. For example, a restaurant requires a tablet that resists damage from liquids, humidity, temperature fluctuations, dust, and heavy use, all of which can damage a consumer-grade device. But ruggedized tablets are designed with a hardened exterior that is sealed to resist damage from liquids and solid particles, proven to withstand drops, shocks, and vibrations, and built with enough power to run demanding software applications seamlessly.

Although a ruggedized tablet requires a larger CAPEX, it is built to last. It will have a lower total cost of ownership (TCO) than consumer-grade tablets that will cost more in repairs and replacement over the life of the implementation. Ensure you invest in technology that's the best fit for your operation.



Ingress Protection (IP) Rating

What is a tablet's IP rating? It indicates the level of resistance to damage to both solids – such as dust and dirt – and liquids.



WHAT TO LOOK FOR When Buying A Ruggedized Tablet?

Each business has its own needs; make sure your complete tablet solution can fit into your business by looking into the following items:

The Right Size For You

Ruggedized tablets are available in a range of screen sizes to accommodate any application. Ensure the device allows employees to easily interact with the software's user interface. Also, consider where your team will use the tablet. Are you setting up the system at a bar or another area where space is limited? Will you use a stand or will it be wall-mounted? Will employees carry the device? These are all factors in which device is best for your business.

Explore OS Options

Make sure your ruggedized tablet's functionality fits your business. Although iPad and iTouch devices are popular, the iOS platform only runs on Apple-certified hardware, which limits your application choice. However, choosing a Microsoft or Android platform allows you to work on some of the most popular OS options and gives you more customization choices. Ensure you are choosing an OS that works with your business, not one that requires you to adapt your business to work with the technology.

Necessary Peripherals

Before making a final decision on a complete tablet solution, make sure it can support the peripherals your operation needs. Some of the most popular tablets on the market lack the number of ports necessary to plug in peripherals like scales, pole displays, and PIN pads, so they're a poor choice for a store or restaurant. Ruggedized tablets have an abundance of I/O ports, so you can connect to the peripherals you need now while having flexibility to add additional peripherals in the future.

Service and Support

A vital consideration when purchasing a complete tablet solution for your business is the level of service and support you will receive from the solutions provider. It's wise to purchase a ruggedized tablet solution from a company that offers a comprehensive service and support package that can address issues quickly and efficiently and help avoid downtime.



3 QUESTIONS EACH INDUSTRY SHOULD ASK When Buying A Ruggedized Tablet

Retail

Is my complete tablet solution able to:

- Convert from wall- or counter-mounted to mobile?
- Provide line-busting capabilities?
- Integrate with PIN pads for easy payment processing?



Restaurant

Can my ruggedized tablet:

- Work as a self-order and payment kiosk at the table?
- Withstand the harsh kitchen environment and heavy use in the front of the house?
- Connect to a cash drawer for efficient checkout processes?



Warehousing

How does my complete table solution:

- Handle temperature changes, exposure to the elements, and drops or shocks?
- Enable ergonomic use with holsters, hand straps, or lanyards?
- Connect to a hand scanner for easy product scanning and inventory control?





ABOUT Touch Dynamic

Founded in August of 2001, **Touch Dynamic** is an ISO 9001:2015 certified manufacturer of All-in-One touch terminals, small form factor PCs, **mobile POS devices**, touch screen monitors, and kiosks for various industries. We understand the demands of our channel partners and provide unique products and additional value-added services to help them meet the specific needs of their customers. Touch Dynamic has leveraged our employees' extensive experience in these markets to develop a focused product line of unmatched quality and features. We back it with a support staff that is highly skilled and motivated to solve any issue that might arise.