

Protector™ 3800

Industrial Workstation

Features

- NEMA-4X class design
- 316L stainless steel body construction for harsh environments
- Robust and responsive touchscreen interface allows gloved operation
- Latest Intel® chipsets and Solid State Storage
- Industrial computer for performing in temperature extremes
- Maintenance friendly
- Flexible mounting options
- 1 Year Warranty

Business Benefits:

- Lower maintenance costs
- Long duty cycle
- Sanitation-friendly design allows thorough cleaning to prevent bacteria build-up
- Quick disconnects for fast installation and hot-swap replacement
- Rapid ROI



Affordable industrial workstations for plant floor data collection

The Protector 3800 is a rugged and wash-down ready industrial touchscreen PC engineered for years of reliable service in today's harshest food plant environments.

With a 12.1" touch screen and a highly-reliable industrial computer, the Protector 3800 workstation is ideal for mission-critical applications such as:

- Mixed product carton weighing and labeling
- Combo scale weighing/labeling
- Thin-client applications such as data collection and WIP tracking,
- Recipe management
- Weight compliance / process control
- Symphony Process Traceability Manager

It is at home in industries where ergonomics, maintenance, and sanitation are of highest priority: meat, poultry, and fish processing, food packaging, and pharmaceuticals.

Reliability

Featuring a rugged design, bright high resolution display, a responsive touchscreen, and an industrial-grade computer with *no moving parts*, the Protector 3800 is designed for many years of reliable service. Carlisle has hundreds of systems installed in a variety of industries and operating environments to demonstrate their effectiveness.

User-friendly interface

The Protector 3800 was designed to be tough, but also easy-to-use. A bright, 12.1" interface gives versatility and control to even the most complex plant-floor applications. The high-precision touchscreen has no bacteria-trapping membrane, and enables the operator to quickly navigate their way through on-screen buttons and prompts *even while using any type of gloves*.

Sanitation-friendly

A stainless steel enclosure keeps out moisture and dust, and resists corrosion. Coupled with a rugged touchscreen design that does not require an external membrane, the Protector 3800 is designed to allow regular sanitation to alleviate bacterial concerns.



Compatibility

The Protector 3800's powerful yet efficient computer offers high performance while using very little power and generating minimal heat. These workstations run the latest version of Microsoft® Windows® embedded for optimal application speed and compatibility.

Maintenance-friendly

With wash-down-rated quick-disconnect ports for peripherals such as printers, scanners, and scales, the Protector 3800 enables rapid installation and replacement by a spare unit in mission-critical environments. The interior of the unit is protected against tampering while being readily accessible for maintenance via keyed quick-release latches. The standards-based industrial computer allows rapid upgrades and repairs, keeping your facility running.

Rapid ROI

The rugged design and high performance results in a low total cost of ownership, and years of reliable service simply not available in traditional PC's.

Specifications*

Operating Environment

- Typically from 0C to +35C
- Moisture resistant, NEMA-4X class
- Designed to meet AMI sanitary design guidelines for food safety

Display

- 12.1" (diagonal) LCD display with LED backlight,
- 1024 x 768 max resolution, 16.2 million colours

Touchscreen

- High-precision 12.1" infra-red "glove-friendly" touchscreen (no membrane to catch bacteria)
- Tough tempered safety glass

Construction

- Fabrication: Body: 316L Stainless steel, Front Bezel: 304 Stainless
- 12 gauge front bezel design allows rapid display and touchscreen maintenance
- Keyed rear-entry door for easy but secure access
- Dimensions: 11.875"H x 14.25"W x 7"D
- Mounting: Swivel mounting bracket for platform or wall mounting; optional ceiling mounts and industrial stainless steel work stands are also available

Industrial-grade computer

- Processor: Intel Dual Core Processor
- Operating System: Windows Embedded
- Graphics: Intel HD Graphics
- Memory: 2GB
- Storage: 32 GB SSD
- Networking: 10/100/1000 Mbps Ethernet Controller

Connectivity

- 3 – RS-232 full duplex serial ports (quick disconnect, IP68)
- 1 – Ethernet port (quick disconnect, IP68)
- 4 – USB ports (1- external quick disconnect, 3- internal)

Power

- Requires 115 VAC @60Hz computer grade (clean) power @ 2 amp
- Internal 12 VDC power adaptor included (for computer and display)

Optional Accessories

- Wireless communication
- Additional I/O as required

* All specifications are subject to change without notice.



About Carlisle Technology

For over 30 years, Carlisle Technology has been designing, implementing and managing successful in-plant productivity solutions across the North American food processing industry.

Our integrated hardware and software solutions are robust, scalable and configurable to address your specific *productivity, visibility and traceability* needs today, while providing a platform enabling tomorrow's growth.

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