

DT872CR

BASIC OPERATION GUIDE

ENGLISH



INTRODUCTION

Thank you for acquiring the latest addition to DT Research's line of AIO computers- the DT872CR, a Rugged 7" All In One designed to run applications that support specific business processes.

The DT872CR integrates a 7" TFT LCD display and Intel® Atom™ processor, and enables real-time data access in harsh environments by combining wireless networking with shock, vibration and water protection. The compact, yet robust device is IP65 and MIL-STD-810F rated, supporting water-proof, dust-proof and shock-resistant operation and standards.

Please take a few moments to review the contents of this document to ensure that the setup and startup proceed smoothly. The DT872CR is ready for use, out of the box, in its default configuration when powered by the power source provided. The following discussion offers guidance on the hardware elements and features of the DT872CR. Please refer to your device provider for information pertaining to the software operating system or software applications.

Package Contents

- DT872CR Rugged 7" All In One
- AC/DC power adapter with power cord
- Basic operation guide

Precautions

- Always exercise care when operating and handling the DT872CR.
- Never disassemble any portion of the enclosure, as this will void any product warranty on the DT872CR.
- Do not use any AC/DC adapter other than the one provided with the device or a replacement acquired from the manufacturer.

Packaging

- The DT872CR is packaged with recyclable materials and designed for maximum protection in transportation and handling.
- When possible, please save the packaging carton and protective inserts for re-use if there is ever a need to ship the DT872CR.

I/O Panels

DT872CR

The DT872CR has a comprehensive set of I/O ports. The following ports are located along the bottom side of the panel PC.



1. DC-in
2. COM Port
3. USB Port
4. Ethernet
5. Power button
 - May be configured to perform different functions, depending on the software operating system.
 - Depending on the OS, a brief, firm push will trigger software-enabled entry into Shutdown or Standby modes. Push in similar manner to Restart or to exit Standby mode.
 - Push and hold for over 4 seconds to forcefully shut down the device. This method of powering off should only be used when proper shutdown through software is not possible.

Rear Mounting

The DT872CR is designed to be secured to VESA-compliant (3×3 inch) mounting arms or stands. The VESA-compliant mounting holes on the back of the device will align with VESA mounts and arms to meet the requirements of the deployment.



1. The panel PC without the VESA-compliant mounting arm.



2. Align the VESA-compliant mounting arm or stand with the corresponding holes on the back of the panel PC, then insert screws and tighten.



3. The panel PC successfully mounted on a VESA - compliant mounting arm.

Major Options

The DT872CR has a number of optional configurations in both software and hardware. These include:

1. High-bright, sunlight readable, and anti-reflective screen
2. Anti-vibration VESA bracket
3. Auto adapter by LIND
4. Long range Bluetooth
5. GNSS module
6. 4G LTE