

# DT Research Computing Solutions





**Precision Engineered  
Rugged Tablets**

**Designed, Engineered,  
& Manufactured  
by DT Research**

# Windows 2-in-1 Rugged Tablets

## DT301YR

10.1"



- 10.1" Full-HD capacitive touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H/461G certified
- Slim keyboard option 2-in-1 applications
- Quick access SSD

## DT302RP

10.1"



- 10.1" capacitive touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- Hot-swappable battery 24/7 operation
- Slim keyboard option 2-in-1 applications
- IP65-rated, MIL-STD-810H/461G certified
- Quick access SSD

## DT302PA

10.1"



- 10.1" Full-HD capacitive touchscreen
- Intel® Core Ultra (Series 2) processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H/461G certified
- Slim keyboard option 2-in-1 applications
- Quick access SSD

# Windows 2-in-1 Rugged Tablets

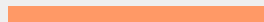


11.6"

DT311YR



- 11.6" Full-HD capacitive touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H/461G certified
- Slim keyboard option 2-in-1 applications
- Quick access SSD



11.6"

DT312RP



- 11.6" sunlight readable touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H/461G certified
- Slim keyboard option 2-in-1 applications
- Quick access SSD



11.6"

DT312PA



- 11.6" sunlight readable touchscreen
- Intel® Core Ultra (Series 2) processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H/461G certified
- Slim keyboard option 2-in-1 applications
- Quick access SSD

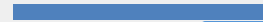


13.3"

DT323RP



- 13.3" sunlight readable touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H/461G certified
- Slim keyboard option 2-in-1 applications
- Quick access SSD



13.3

DT323PA



- 13.3" sunlight readable touchscreen
- Intel® Core Ultra (Series 2) processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H/461G certified
- Slim keyboard option 2-in-1 applications
- Quick access SSD



# Windows Handheld Rugged Tablets

DT361WF

6"



- 6" capacitive touchscreen
- Intel® Core™ 3 N355 processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- MIL-STD-3009 class B Night Vision screen option
- IP65-rated, MIL-STD-810H/461G certified
- Hot-swappable battery
- IP-rated military connector option
- Fan operation

DT362GL

6"



- 6" capacitive touchscreen
- Intel® Pentium® Silver 4-core processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- IP65-rated, MIL-STD-810H/461G certified
- Hot-swappable battery
- Built-in smart card/CAC reader
- C1D2 certified

DT362DN/  
DT362DH

6"



- 6" capacitive touchscreen
- Intel® 12<sup>th</sup> Core® i3-N300 or Intel® N200 processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- IP65-rated, MIL-STD-810H/461G certified
- Hot-swappable battery
- Long-range barcode option



# Windows Rugged Tablets



## DT381RP

8"



- 8" capacitive touchscreen
- Intel® 13th Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H/461G certified
- Long range BT option

## DT381WF

8"



- 8" capacitive touchscreen
- Intel® Core™ 3 N355 processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- IP65-rated, MIL-STD-810H/461G certified
- Hot-swappable battery
- IP-rated 24-pin connector option
- Fan operation

## DT382WN/ DT382WH

8"



- 8" capacitive touchscreen
- Intel® 13th Core® i3-N250 or Intel® N350 processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- Hot-swappable battery 24/7 operation
- IP65-rated water & dust resistance
- NFC/ RFID reader option
- Long range BT option
- RTK GNSS option

## DT340T

14"



- 14" high-brightness touchscreen (1000 nits)
- Intel® 13th Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery 24/7 operation
- IP65-rated, MIL-STD-810H certified
- NVIDIA RTX A1000 graphics card option

# Handheld Android Rugged Tablets



DA362EN

6"



- 6" capacitive touch screen
- Qualcomm® octa-core QCM6125 processor
- Android 13 operating system
- WiFi 5 (802.11ac, 2.4/5 GHz)
- 8MP front camera/13MP back camera option
- 2D barcode scanner option
- UHF RFID reader option
- Built-in CAC reader
- GPS Module option
- Hot-swappable battery
- IP65-rated water & dust resistance
- MIL-STD-810H shock & vibration protection

DA380QE

8"



- 8" capacitive touch screen
- Qualcomm® octa-core QCM6125 processor
- Android 13 operating system
- WiFi 5 (802.11ac, 2.4/5 GHz)
- Hot-swappable battery
- GPS Module option
- 8MP front camera/13MP back camera option
- 2D barcode scanner option
- 4G LTE option
- IP65-rated water & dust resistance
- MIL-STD-810H shock & vibration protection

DA361ND

6"



- 6" capacitive touch screen
- Qualcomm® QCS6490 processor
- Android 13 operating system
- IP-rated military connector option
- WiFi 6E
- Hot-swappable battery
- IP65-rated water & dust resistance
- MIL-STD-810H shock & vibration protection
- Wide operating temperature range
- MIL-STD-3009 class B Night Vision screen option
- Programmable button quickly trigger specific functions

DA381ND

8"



- 8" capacitive touch screen
- Qualcomm® QCS6490 processor
- Android 13 operating system
- IP-rated military connector option
- 8MP front camera/13MP back camera option
- WiFi 6E
- Hot-swappable battery
- MIL-STD-810H shock & vibration protection
- Wide operating temperature range
- MIL-STD-3009 class B Night Vision screen option
- Programmable button quickly trigger specific functions

# Android Rugged Tablets



## DA302EP

10.1"



- 10.1" capacitive touch screen
- Qualcomm® octa-core QCM6125 processor
- Android 13 operating system
- WiFi 5 (802.11ac, 2.4/5 GHz)
- 4G LTE option
- Hot-swappable battery
- 2D barcode scanner option
- 8MP front camera/13MP back camera
- IP65-rated water & dust resistance
- MIL-STD-810H shock & vibration protection

## DA323EP

13.3"



- 13.3" capacitive touch screen
- Qualcomm® octa-core QCM6125 processor
- Android 13 operating system
- Google-certified
- WiFi 5 (802.11ac, 2.4/5 GHz)
- 2D barcode scanner option
- 8MP front camera/13MP back camera
- 4G LTE option
- Hot-swappable battery
- IP65-rated water & dust resistance
- MIL-STD-810H shock & vibration protection

## DT303CI

10.1"



- 10.1" capacitive touch screen
- Qualcomm® 8-core processor
- Android 11 operating system
- 8 MP back camera
- 2D barcode scanner option
- NFC/RFID reader option
- GPS Module option
- IP65-rated water & dust resistance
- MIL-STD-810H shock & vibration protection

# Rugged Laptops

**Convertible**  
**Fanless or Fan**  
**NVIDIA GPU**  
**MIL-STD**  
**CAC reader**



# Rugged Laptop Computers

13.3"  
**LT330**



- 13.3" high-brightness (1000 nits) touchscreen
- Intel® 12<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable batteries 24/7 operation
- Built-in smart card/CAC reader (full-slot)
- MIL-STD-461G EMI & EMC tolerance
- IP65-rated, MIL-STD-810H certified

15.6"  
**LT350**



- 15.6" high-brightness (1000 nits) touchscreen
- Intel® 12<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable batteries 24/7 operation
- Built-in smart card/CAC reader (full-slot)
- IP65-rated, MIL-STD-810H certified
- MIL-STD-461G EMI & EMC tolerance
- Energy Star 8.0 certified



- 15.6" high-brightness (1200 nits) touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable batteries 24/7 operation
- Built-in smart card/CAC reader
- Embedded NVIDIA RTX™ A1000 or A2000 MXM graphics card
- IP65-rated, MIL-STD-810H certified
- Energy Star 8.0 certified

13.3"  
**LT360PA**



- 13.3" high-brightness touchscreen; digital pen support
- Intel® Core™ Ultra (Series 2) processor
- Windows® 10 LTSC/ 11 IoT Enterprise or Ubuntu operating system
- Hot-swappable batteries 24/7 operation
- Modular design to easily replace batteries
- IP65-rated water, dust resistance
- MIL-STD-810H shock, vibration protection
- MIL-STD-461G EMI, EMC tolerance
- MIL-STD-3009 class B Night Vision screen option
- Fan operation
- IP-rated military connector option
- LC fiber optic connector option



# **Medical Tablets**

**Handheld  
VESA Mountable**

# Medical Grade Tablets

**302MD** 10.1"



- 10.1" capacitive touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery 24/7 operation
- ANSI/AAMI ES60601-1 certified
- Antimicrobial coating
- Slim keyboard option for 2-in-1 applications
- IP65-rated, MIL-STD-810H certified

**302PA/MD** 10.1"



- 10.1" capacitive touchscreen
- Intel® Core Ultra (Series 2) processor
- Windows® 10 LTSC/11 IoT Enterprise OS
- Hot-swappable battery for 24/7 operation
- ANSI/AAMI ES60601-1 certified
- Antimicrobial coating
- Slim keyboard option for 2-in-1 applications
- IP65-rated, MIL-STD-810H certified

**323MD** 13.3"



- 13.3" Full-HD capacitive touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery for 24/7 operation
- ANSI/AAMI ES60601-1 certified
- Slim keyboard option for 2-in-1 applications
- Antimicrobial coating
- IP65-rated, MIL-STD-810H certified
- Speaker handle

**323PA/MD** 13.3"



- 13.3" Full-HD capacitive touchscreen
- Intel® Core Ultra (series 2) processor
- Windows® 10 LTSC/11 IoT Enterprise OS
- Hot-swappable battery for 24/7 operation
- ANSI/AAMI ES60601-1 certified
- Slim keyboard option for 2-in-1 applications
- Antimicrobial coating
- IP65-rated, MIL-STD-810H certified

# Medical Grade Tablets

323MD

13.3"



- 13.3" Full-HD capacitive touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery for 24/7 operation
- ANSI/AAMI ES60601-1 certified
- Slim keyboard option for 2-in-1 applications
- Antimicrobial coating
- IP65-rated, MIL-STD-810H certified
- Speaker (front-facing) built into handle

316T/MD

15.6"



- 15.6" Full-HD capacitive touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery 24/7 operation
- ANSI/AAMI ES60601-1 certified
- Antimicrobial coating
- Built-in front and back cameras
- IP65-rated

373T/MD

17"



- 17" LED-Backlit LCD touchscreen
- Intel® 13<sup>th</sup> Core i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Hot-swappable battery 24/7 operation
- ANSI/AAMI ES60601-1 certified
- Antimicrobial coating
- IP65-rated
- VESA mountable
- CAC/Smart Card reader
- Back service door with additional I/O ports

# Medical AIO Computers and Monitors

**Battery-powered**  
**Standard power**



# Medical All-in-One Computers



## 502TF/504TF

22"-27"



- 22"/ 24" high-resolution touchscreen
- Intel® 14th Core™ i processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- IP65-rated front panel, IPX2-rated enclosure
- ANSI/AAMI ES60601-1 certified
- Energy Star 8.0 certified
- VESA mountable
- UPS battery option
- RFID reader option

## 582TM/584TM Battery Powered

22-24"



- 22"/ 24" touchscreen
- Intel® Core™ Ultra (Series 1) processor
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- Built-in LED reading light
- Hot-Swappable Batteries Design
- ANSI/AAMI ES60601-1 certified
- VESA mountable
- POAG option
- RFID reader option

## 554GR Medical-Grade Graphics Station

24"



- 24" high-resolution touchscreen
- Intel® 13th Core™ i processor
- Graphics card to accelerate medical imaging process; RTX A2000 or RTX A2000A
- Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- IP65-rated front panel
- Antimicrobial enclosure
- POAG option

# Medical AIO Computers



DT514LD

23.8"



- 23.8" Full HD display
- IGEL OS
- Intel® N97, Quad-core processor
- ANSI/AAMI ES60601-1 certified
- Space-saving all-in-one, slim, fanless design antimicrobial enclosure
- VESA mountable
- IP65-rated front panel, IP54-rated enclosure
- Energy Star 8.0 certified

DT514LA

23.8"

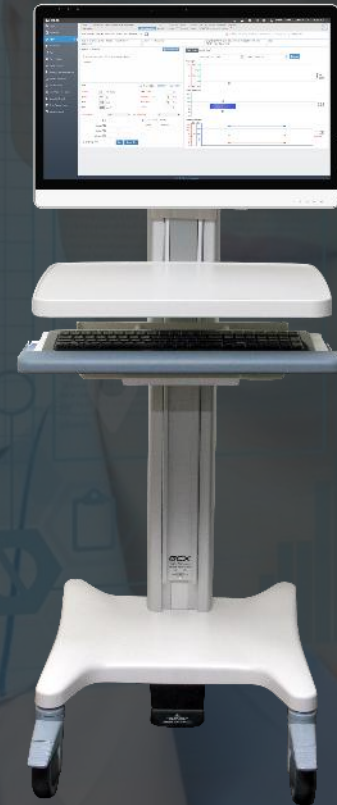


- 23.8" Full HD display
- Windows® 10 LTSC/11 IoT Enterprise OS
- Intel® Core™ Ultra (Series 2) processor
- ANSI/AAMI ES60601-1 certified
- Space-saving all-in-one, slim, fanless design antimicrobial enclosure
- VESA mountable
- IP65-rated front panel, IP54-rated enclosure
- Energy Star 8.0 certified

# Medical-Grade Battery Powered All-in-One Computer

*Hot-swappable Battery Design*

582TM / 584TM



# Medical Monitors

## 704M/707M



- High contrast 24" or 27" touchscreen
- Full-HD (1920 x 1080) resolution
- Capacitive Touchscreen
- ANSI/AAMI ES60601-1 certified with antimicrobial enclosure
- Built-in speakers
- VESA compatibility for easy installation

## 722M/724M Battery Powered



- High contrast 22" or 24" touchscreen
- Full-HD (1920 x 1080) resolution
- Integrated hot-swappable batteries
- ANSI/AAMI ES60601-1 certified
- Power supply outputs - 12V, 15V and 19V
- VESA compatibility for easy installation

# 139M Medical Micro PC



## Product Features

- Intel® 10<sup>th</sup> Core i processor
- Microsoft® Windows® 10 LTSC/11 IoT Enterprise or Ubuntu OS
- NIST compliant BIOS available
- Fanless, compact and robust design
- Dual SSD slots
- Dual RAM slots, up to 64GB
- ANSI/AAMI ES60601-1 certified with antimicrobial enclosure
- Multiple video outputs – HDMI x 2 and Display Port x 1
- VESA bracket for maximum mounting flexibility

# Digital Signage Solutions

## Media Players Software



# Digital Signage Solutions - Hardware



## Signage Appliance

- Supports up to 1080P video resolution
- Strong multimedia processing capability
- Compact, robust, energy-saving design
- Ideal for single display



## Multi-Screen Appliance

- Supports up to 16 screens
- Full HD to 4K for each screen
- Effortless multi-screen content management
- Ideal for digital menu boards, advertisements, high-resolution video walls

# SA Series Single-Screen Signage Appliance



**SA166CR**

Drives 1 screen

## Product Features

- Intel® Atom 4-core processor
- Microsoft® Windows® 10 LTSC IoT Enterprise OS
- Compatible with various media formats
- 1080P video resolution
- Compact size, fanless design for maximum installation flexibility
- Supports real-time video
- Flexible screen layout options with multiple zones and layers
- Compatible with the WebDT Content Manager software for optimal manageability

# MA Series Multi-Screen Signage Appliances



## MA1352GL

Drive up to 3 screens



## MA1393CS

Drive up to 3 screens

## Product Features

- Drive up to 3 screens
- Intel® Pentium® Core processor
- Microsoft® Windows® 11 LTSC IoT Enterprise OS
- Full-HD 2K/4K video resolution
- Compact size, fanless design for optimal installation flexibility
- HDMI, DisplayPort outputs
- Menu Board Designer software included
- Compatible with the WebDT Content Manager software for optimal manageability
- Ideal for menu boards, multi- screen advertisements applications

# MS Series Multi-Screen Signage Appliances



## MS600Ns

Drive up to 4 screens



## MS1600Ns

Drive up to 8 or 12 screens



## MS2800Ns

Drive up to 16 screens

## Product Features

- A single player drives up to 4, 8 or 12 , or 16 video output screens
- Intel® Core i7, 6~8-core, or Intel® X-Series Core i9 processor
- Microsoft® Windows® 11 LTSC IoT Enterprise OS
- Delivers Full-HD (1080P)/4K content
- Supports a wide range of media formats
- Easy to arrange display layout: one single content can be displayed on a single screen or across stretched, multiple screens
- Video/image playback; frame-synchronized
- Compatible with the WebDT Content Manager software for optimal manageability

# Support a Wide-Range of Screen Configurations



4 x 4 displays



1 x 4 displays



2 x 2 displays



Flexible Display Walls

# Digital Signage Solutions - Software

WebDT Content Manager 6 Pro



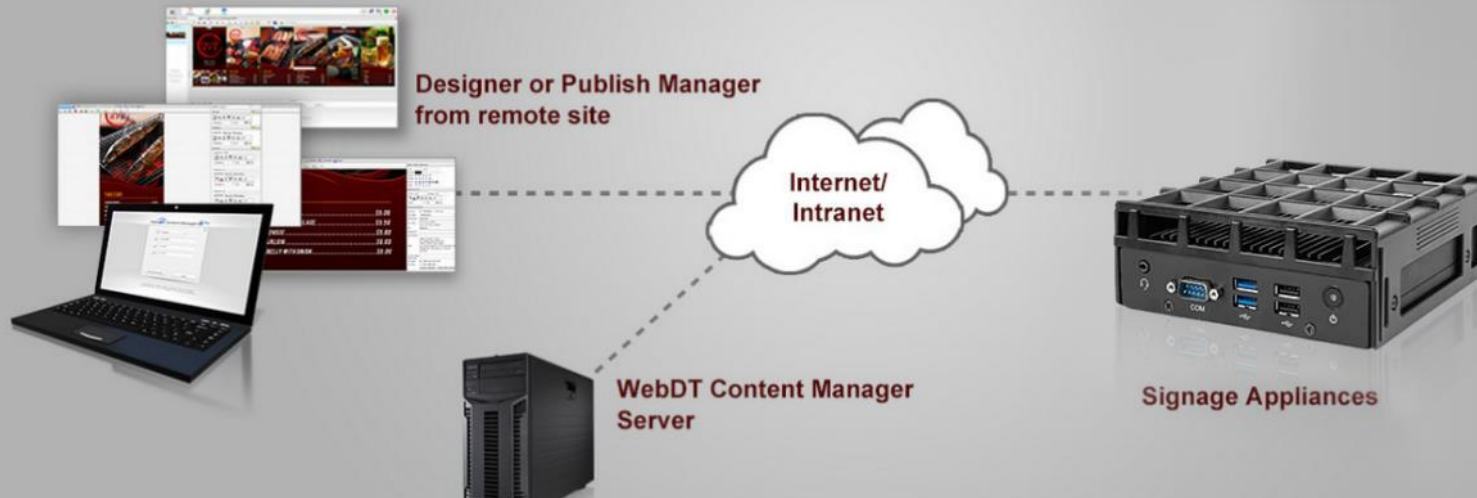
## Product Features

- Streamline Operations - intuitive, graphical, easy-to-use interface
- Guaranteed Security - auto recovery, smart cleaner, and media encryption
- Remote Management - web-based browser interface, manageable anywhere, anytime
- High Scalability & Rich Feature Sets - supports rich types of multimedia formats; widget & composer included

# Digital Signage Solutions - Software

## WebDT Content Manager Software Included

- Remote content and player hardware management
- Web browser-based, intuitive graphical interface
- Schedule power management - shut down, reboot and wake up for each signage appliance



# Digital Signage Solutions - Software

## Menu Board Editor

- HTML5 structure design
- Easy to create attractive templates
- Connect TXT, XML, CSV format files and database systems
- Download updated versions online





## Built-to-order → customized = Precision Engineering

---

- Built to Customer Spec
- Cameras, USB, LAN, RFID, 4G, GPS
- OS, Window, Android  
Linux
- Minimum MOQ
- Faster Lead Time
- Complete Design Control



## Long product Life cycle

---

- 5-7 years
- Extend Options
- Form Factor Consistency



## HQ in U.S.

---

- Engineering & support  
in San Jose, CA
- High level engineering  
support (development)
- Partnership focused