

**DURABOOK**

Prepared for the Unexpected

# COMPANY PROFILE

DURABOOK MARKETING DIVISION

2026/03/13

# OUR BACKGROUND



# OUR COMPANY



Twinhead International Corporation, a public listed Taiwan company founded in 1984, has been a major supplier of computing devices for more than 40 years.

With great engineering capability, strict production quality control and uncompromising customer-oriented services, Twinhead business covers mobile systems, tactical solutions, peripherals and industrial oriented PCs and displays.

# ABOUT DURABOOK



## ABOUT DURABOOK

**40+**

Years of Electronics Manufacturing

**80+**

Countries Worldwide

**ONE**

Mission

DURABOOK is the core brand by Twinhead International Corporation. In 2000, the company manufactured its first military-grade rugged laptop, followed by the introduction of the DURABOOK brand. The DURABOOK line quickly expanded to meet the demands of customers in a broad range of markets that require rugged mobile solutions.

Today, rugged Durabook devices have a loyal customer base around the globe, including most branches of the U.S. Armed Forces, NATO forces, public safety agencies, numerous field service organizations, as well as companies that specialize in oil & gas, logistics, healthcare, utilities and automotive industries.



# OUR GLOBAL PRESENCE



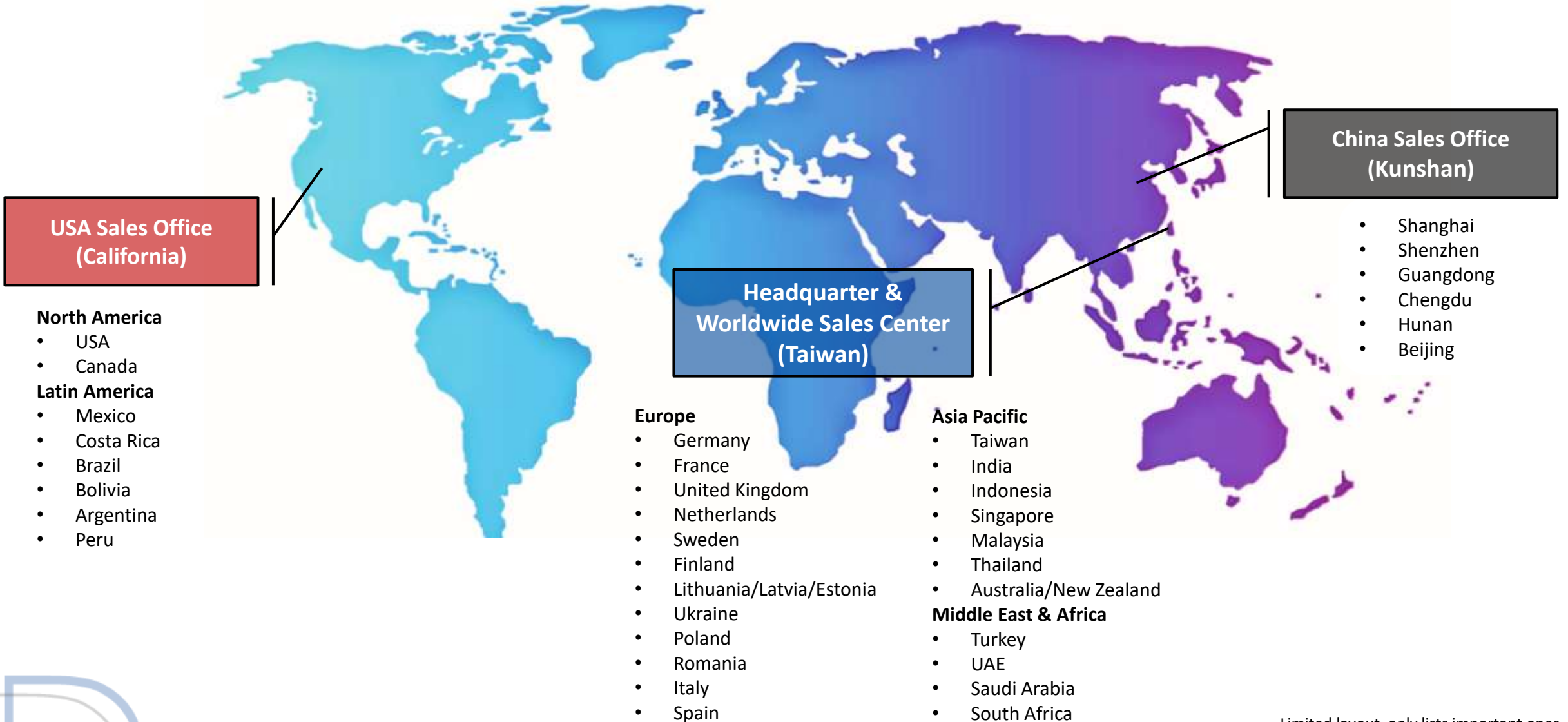
**5** Sales Offices

**1** Factory

**20+** Years of  
IPC Design & Manufacturing

**40+** Years of  
Electronics Manufacturing

# GLOBAL SALES & CHANNEL STRUCTURE



**USA Sales Office  
(California)**

**North America**

- USA
- Canada

**Latin America**

- Mexico
- Costa Rica
- Brazil
- Bolivia
- Argentina
- Peru

**Headquarter &  
Worldwide Sales Center  
(Taiwan)**

**Europe**

- Germany
- France
- United Kingdom
- Netherlands
- Sweden
- Finland
- Lithuania/Latvia/Estonia
- Ukraine
- Poland
- Romania
- Italy
- Spain

**Asia Pacific**

- Taiwan
- India
- Indonesia
- Singapore
- Malaysia
- Thailand
- Australia/New Zealand

**Middle East & Africa**

- Turkey
- UAE
- Saudi Arabia
- South Africa

**China Sales Office  
(Kunshan)**

- Shanghai
- Shenzhen
- Guangdong
- Chengdu
- Hunan
- Beijing

Limited layout, only lists important ones.

# WHY DURABOOK



# BEST-IN-CLASS OFFERING



## INDUSTRIAL EXPERIENCE

- 40+ years experience for manufacturing of personal computers and peripherals.
- 20+ years developing ruggedized solution for heavy-use environments
- Strong HW/ME/SW and system design capabilities to drive innovation
- Having completed development and production facilities.



## IN-HOUSE DESIGN



## FLEXIBLE CUSTOMIZATION

- Customization capability to meet In-field performance
- Purpose-built solutions for unique requirements
- Collaboration with ISVs, IHVs for sector oriented total solution



## RELIABLE QUALITY CONTROL

- “Made in Taiwan”
- Best practices in quality manufacturing
- Built-tough products, designed to meet MIL-STD-810H and IP requirements.



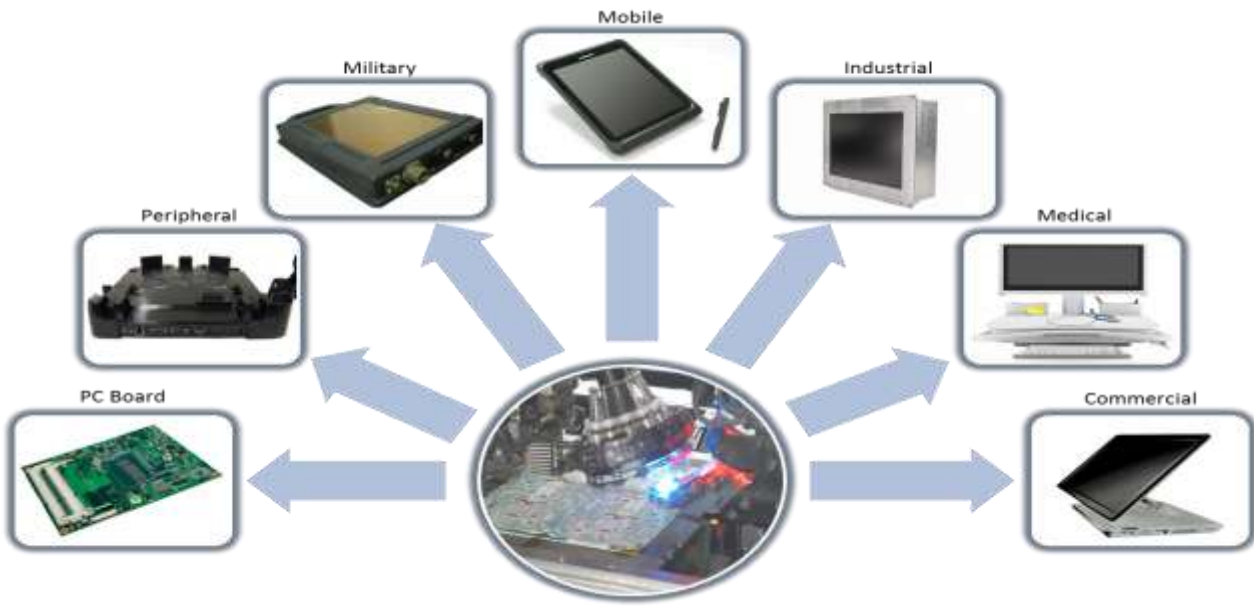
## CUSTOMER SATISFACTION

# IN-HOUSE CAPABILITY & DEDICATION

## Design & Manufacturing Capabilities



## R&D Knowledge and Dedication



- ISO 9001:2015 Registered Quality Management System
- ISO 14001:2015 Registered Environmental Management System
- EPEAT™ Registered

# QUALITY IS OUR STANDARD

Drop Test



Dust Proof



Vibration Test



Humidity Test



Rain Test



Thermo Shock



Structure Pressure Test



LCD Hinge Swing Test



# RUGGED DOMINATION. DURABOOK INNOVATION.



Certified by independent third-parties of Military Standard (MIL-STD) and IP ratings.



Leading rugged design with 40+ years of know-how to increase productivity and efficiency for any conditions.



Survived drop tests, rigorous vibration and impact protection tests.



Best thermal solution for continuous work in mission-critical situations.



Experience peak performance in extreme temperatures, whether in freezing cold or extreme hot temperatures.



Designed from the ground up with high-performance materials for full protection.

# BEST OF THE BEST TECHNOLOGY

## Customizable Design



## Coolfinity™ Fanless Design



## DynaVue® Technology



## Quick Release SSD



## Premium Performance



## Non-Stop Operation



# DYNAVUE®

## The New Generation of **DynaVue** Technology

- Brightness up to **1200 Nits** and making the screen more visible in direct sunlight
- Direct optical bonding **light-filtering technology** to balance brightness with the **contrast ratio (CR)**, which helps eliminate internal reflections that can interfere with clarity.
- Results in **wider viewing angle** for any application usage.

High Brightness



Light Filtering Technology



Increased Clarity &  
Wider Viewing Angle

DynaVue®



# UNINTERRUPTABLE POWER SUPPLY



**24/7 Non-Stop Operation**  
allows professionals complete  
full-day duty tasks



## NON-STOP OPERATION

### Dual Hot-swappable Battery Design



Innovative **Dual Hot-swappable battery design** allows for battery swaps without downtime.

### Bridge Battery Design



Bridge Battery

Build in with **energy cell** on supporting non-stop operation, **no downtime for battery swaps.**

# Coolfinity™ FANLESS DESIGN

FOR THE MOST CHALLENGING ENVIRONMENTS



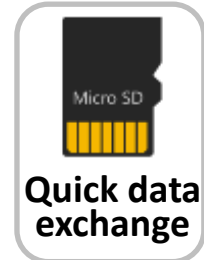
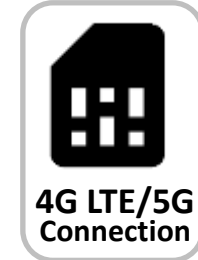
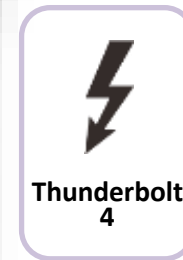
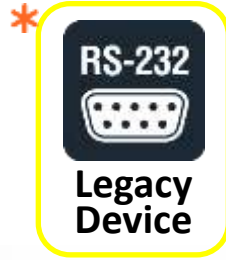
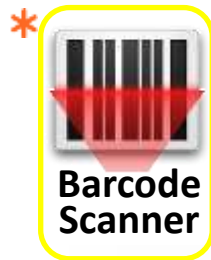
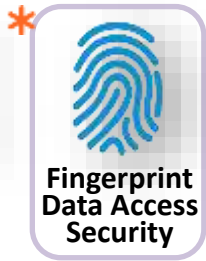
- **Coolfinity™** fanless thermal solution design offers higher performance and **free-of-noise operation** while **decreasing downtime and repairs** that negatively impact productivity.
- Fanless design means a **stronger return on investment** over time.
- Fan failure is one of most common reasons lead to system overheat, and therefore damaging other components.



# SPEAK ALL LANGUAGES

EXPANDABLE AND CONFIGURABLE I/O OPTIONS

\* optional



# UNLOCK NEW AI PC EXPERIENCES

Enhanced performance and efficiency with AI-driven Intel® Core™ Ultra processors and Copilot in Windows 11.



## Intel® Core™ Ultra Processors

The new Intel® Core™ Ultra processor offers exceptional performance and optimized power efficiency, ready to tackle the next generation of AI workloads and provide versatile management options that businesses need to stay competitive.

Experience the next level of performance hybrid architecture for enhanced computing, with a long-lasting battery powered by a three-tier multiprocessing unit.



## Microsoft Copilot key in Window 11

Unlock AI-powered efficiency with the dedicated Microsoft Copilot key. Boosting productivity with seamless AI integration, the S14I enhances real-time communication and collaboration within your workspace, offers multilingual support, and streamlines everyday task automation.

Work smarter, faster, and effortlessly—anytime, anywhere.



Z14I Laptop

S14I Laptop



## Dedicated Graphics NVIDIA® RTX A500

Optional NVIDIA® RTX A500 delivers up to 100 TOPS in AI acceleration, making it the ultimate solution for graphics rendering, architectural illustrations, and AI applications.

# WORLD'S FIRST RUGGED RTX ADA MOBILE WORKSTATION

EQUIPPED WITH NVIDIA® RTX™ 3500 & 5000 ADA GRAPHICS



The **Z14I-HG** is the **world's first rugged mobile workstation powered by NVIDIA® RTX™ Ada Generation professional graphics**, delivering workstation-class GPU performance and advanced AI computing directly at the edge.



**Z14I-HG delivers workstation-class GPU performance to the edge**

- NVIDIA® RTX™ Ada Generation professional graphics
- Up to **682 TOPS AI computing performance**
- Built for **extreme environments and mission-critical operations**
- Designed for **engineers, defense operators, and frontline professionals**



# KEY INDUSTRIES WE SERVE



**DURABOOK**

Military &  
Government

- Mapping/Dispatching
- Recording System
- Workforce Management
- Maintenance Diagnostic Tool



**DURABOOK**

Field Service &  
Utility

- On-Site Maintenance and Inspection
- Data Capture
- Assets Management



**DURABOOK**

Logistics &  
Manufacturing

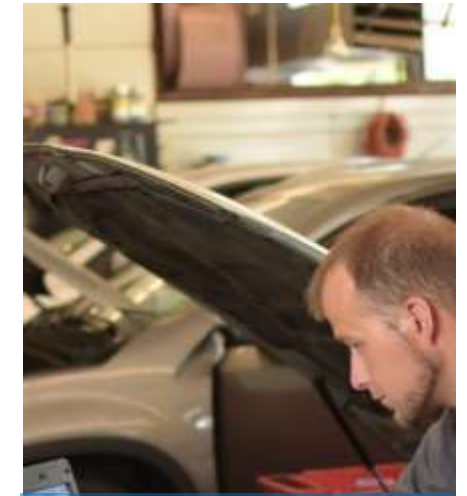
- Inventory Management
- Orders/Receiving
- Delivery
- Assets Management



**DURABOOK**

Public Safety

- Ticketing
- Logistic Integrated Mobile Terminal
- ID Verification, Border Control
- Evidence Collection



**DURABOOK**

Automotive

- Diagnostics
- Maintenance and Inspection
- Testing and Analyzing

# PRODUCT LINEUP

# DURABOOK



# RUGGED LAPTOP OVERVIEW

SEMI/FULLY RUGGED

## Z14I



## S14I



## S15



- WIN • 14" FHD Display with 1200 nits DynaVue® SR Technology
- WIN • Intel Core Ultra 7/5 CPUs, optional NVIDIA RTX A500
- WIN • IP 66 & 6ft. drop, MIL-STD-461G, fungus test, salt fog test
- WIN • Default smart card reader, 2x Thunderbolt 4, 2x RS-232, 2x RJ-45, HDMI 2.1 + VGA, dual SIM
- WIN • 12.5 hrs. Hot-Swappable battery, 21.5 hrs. with dual battery
- Support up to 3 SSD

- WIN • 14" FHD Display with 1200 nits DynaVue® SR Technology
- WIN • Intel Core Ultra 7/5 CPUs, optional NVIDIA RTX A500
- WIN • Lightweight 2.3kg; IP53 & 4ft. drop
- WIN • Dual hot-swappable battery technology up to 32 hrs
- WIN • Default dual Thunderbolt 4, dual RJ-45, dual SIM and HDMI 2.1
- WIN • ExpressCard, barcode reader, smart card reader or 2<sup>nd</sup> RS232+ USB 3.2 ports





- WIN • 15.6" FHD Display with 1000 nits DynaVue® SR Technology
- WIN • Intel Core i7/i5 CPU, optional NVIDIA RTX A500
- WIN • Lightweight 2.6 kg / 5.73 lbs
- WIN • 12 hrs. Swappable battery
- WIN • IP53 & 4ft. drop
- WIN • Support up to 3 SSD, Support RAID 0 and RAID 1
- WIN • Thunderbolt 4, 3x USB3.2, USB Type-C DP, HDMI and VGA

# RUGGED MOBILE WORKSTATION OVERVIEW

FULLY RUGGED

## Z14I-HG



- 14" FHD Display with 1200 nits DynaVue® SR Technology
- Intel Core Ultra 7/5 CPUs up to 4.9 GHz with vPro Technology
-  NVIDIA® RTX™ 3500 Ada with 12GB GDDR6 optional NVIDIA® RTX™ 5000 Ada with 16GB GDDR6
-  MIL-STD-810H & IP66 certified, fungus test, salt fog test
-  Up to 5 x HDMI 2.1 (4x through NVIDIA GPU) & VGA Display Output
- Default smart card reader, 2x Thunderbolt 4, 2x RS-232, 2x RJ-45, VGA, dual SIM
-  Dual removable quick-release storage drives, support up to 3 SSD

# RUGGED 10.1" TABLET OVERVIEW

FULLY RUGGED

## R10



### Copilot+PC



- 10.1" LCD Display (1920 x 1200) with 1000 nits DynaVue® SR Technology
- Intel Core Ultra 7/5 200V series processors
- Copilot+ PC with on-device AI acceleration
- Streamlined and lightweight device: 1.2 kg / 2.65 lbs
- IP 66, 6ft. drop resistant, MIL-STD-461G & ANSI C1D2 certified
- 17 hrs. Hi-Cap Battery with optional hot-swappable battery
- Built-In RJ-45, Thunderbolt 4, Dual SIM & optional RS-232; 5G available
- Expansion Options: barcode reader, extra USB 3.2 (type C) port, extra USB 3.2 (type A) port, magnet stripe reader, smart card reader, LF/HF-RFID (NFC), and UHF-RFID (NFC).



# RUGGED 8" TABLET OVERVIEW

FULLY RUGGED

## R8



- 8" LCD Display (1280 x 800) with 800 nits DynaVue® SR Technology
- Intel Core i7/i5 and Pentium Gold CPUs
- Compact and lightweight device: 0.86 kg / 1.9 lbs
- IP 66, 6ft. drop resistant, MIL-STD-461G & ANSI C1D2 certified
- Coolfinity™ fanless design – less failure rate and free-of-noise
- 17 hrs. Hi-Cap Battery with optional swappable battery
- Expansion Options: barcode reader, extra USB 3.2 (type A) port, smart card reader with RFID (NFC), magnet stripe reader and RJ-45/RS-232/USB 3.2 combo module.



# RUGGED 11" TABLET OVERVIEW

FULLY RUGGED

## U11I



- WIN • 11.6" FHD Display with 1000 nits DynaVue® SR Technology
- Intel Core i7/i5 CPUs
- Lightweight 1.39 kg / 2.99 lbs
- WIN • IP 66, 6ft. drop & MIL-STD-461G
- WIN • Coolfinity™ fanless design
- WIN • Easy-Removable NVME PCIE SSD
- WIN • 10 hrs. Hot-Swappable Battery
- Built-In RJ-45, Thunderbolt 4 & RS-232; 5G available
- Expansion Options: 2<sup>nd</sup> smart card, RFID (NFC) & ExpressCard 54

## R11



- WIN • 11.6" FHD Display with 1000 nits DynaVue® SR Technology
- WIN • Intel Core i7/i5 CPUs
- WIN • Lightweight 1.2 kg / 2.65 lbs
- WIN • IP 66, 4ft. drop & MIL-STD-461F
- 15 hrs. Hi-Cap Battery
- Highly Customizable (RJ-45, barcode scanner, RFID (NFC) reader, smart card reader, RS-232)

## R11L



- WIN • 11.6" FHD Display with 1000 nits DynaVue® SR Technology
- Intel Pentium 8505 CPU
- WIN • Lightweight 1.2 kg / 2.65 lbs
- WIN • IP 66, 4ft. drop & MIL-STD-461F
- 15 hrs. Hi-Cap Battery
- WIN • Versatile Data-Capture Modules: Optional barcode scanner, RJ-45, RS-232, RFID (NFC) & smart card reader

# ATEX CERTIFIED TABLET OVERVIEW

FULLY RUGGED

## U11I-EX



DynaVue

- **ATEX Zone 2/22** certified
- 11.6" FHD Display with 1000 nits DynaVue® SR Technology
- Intel Core i7/i5 CPUs
- Lightweight 1.49 kg / 3.29 lbs
- IP 66, 6 ft. drop resistant
- Coolfinity™ fanless design – an extra level of security
- 10 hrs. Hot-Swappable Battery, 20 hrs. Hi-Cap Battery
- Secure-Core PC (optional)

## R8-EX



DynaVue

- **ATEX Zone 2/22** certified
- 8" LCD Display (1280 x 800) with 800 nits DynaVue® SR Technology
- Intel Core i7/i5 and Pentium Gold CPUs
- Compact and lightweight device: 0.88 kg / 1.94 lbs
- IP 66, 6 ft. drop resistant
- Coolfinity™ fanless design – an extra level of security
- 8.5 hrs. Swappable Battery, 17 hrs. Hi-Cap Battery



# RUGGED FOR THE REAL WORLD.



	S15	S14I	Z14I	Z14I-HG
Display	15.6" FHD (1920 x 1080)	14.0" FHD (1920 x 1080)	14.0" FHD (1920 x 1080)	14.0" FHD (1920 x 1080)
Operating System	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Processor	Intel® Core™ i5-1235U (i7 optional)	Intel® Core™ Ultra 5 125U (Ultra 7 optional)	Intel® Core™ Ultra 5 125U (Ultra 7 optional)	Intel® Core™ Ultra 5 125U (Ultra 7 optional)
Camera	2MP Front Camera, Optional 5MP IR Camera	Optional 2MP Front Camera with Shutter, Optional 5MP IR Camera	2MP Front Camera with Shutter, Optional 5MP IR Camera	2MP Front Camera with Shutter, Optional 5MP IR Camera
Battery Life	12 hrs	16 hrs (up to 32 hrs with 2nd batt.)	12.5 hrs (up to 21.5 hrs with 2nd batt)	
Certifications	MIL-STD-810H	MIL-STD-810H	MIL-STD-810H, MIL-STD-461G, Optional ANSI C1D2	MIL-STD-810H, MIL-STD-461G
Ratings	IP 53 / 4 ft.	IP 53 / 4 ft.	IP 66 / 6 ft.	IP 66
Fanless Design			•	
Weight	2.6 kg / 5.73 lbs	2.37 kg / 5.23 lbs	3.6 kg / 7.93 lbs	4.9 kg / 10.72 lbs
Automotive	✓	✓		
Field Service	✓	✓	✓	✓
Industrial / Manufacturing	✓	✓		
Military / Defense		✓	✓	✓
Oil & Gas			✓	
Public Safety / Emergency Service	✓	✓	✓	✓
Transportation & Logistics	✓	✓		
Utility	✓	✓	✓	✓

Product by Sector

# RUGGED FOR THE REAL WORLD.



	R8	R10	R11	R11L	U11
Display	8" LCD (1280 x 800)	10.1" LCD (1280 x 1200)	11.6" FHD (1920 x 1080)	11.6" FHD (1920 x 1080)	11.6" FHD (1920 x 1080)
Operating System	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Processor	Intel® Core™ i5-1230U Intel® Pentium® Gold 8500	Intel® Core™ Ultra 5 226V/236V (Core Ultra 7 optional)	Intel® Core™ i5-1235U (i7 optional)	Intel® Pentium® Gold 8505	Intel® Core™ i5-1230U (i7 optional)
Camera	2MP Front Camera, Optional 11MP Rear Camera	5MP IR Front Camera with shutter, 11MP Rear Camera with shutter	2MP Front Camera, Optional 11MP Rear Camera	2MP Front Camera, Optional 11MP Rear Camera	2MP Front Camera, Optional 11MP Rear Camera
Battery Life	8.5 hrs (up to 17 hrs with hi-cap batt.)	8.5 hrs (up to 17 hrs with hi-cap batt.)	8.5 hrs (up to 15 hrs with hi-cap batt.)	8.5 hrs (up to 15 hrs with hi-cap batt.)	10 hrs (up to 20 hrs with hi-cap batt.)
Certifications	MIL-STD-810H, MIL-STG-461G, Optional ANSI C1D2	MIL-STD 810H, MIL-STG 461G, Optional ANSI C1D2	MIL-STD-810H, MIL-STG-461F, Optional ANSI C1D2	MIL-STD-810H, MIL-STG-461F, Optional ANSI C1D2	MIL-STD-810H, MIL-STD-461G, Optional ANSI C1D2
Ratings	IP 66 / 6 ft.	IP 66 / 6 ft.	IP 66 / 4 ft.	IP 66 / 4 ft.	IP 66 / 6 ft.
Fanless Design	•				•
Weight	0.86 kg / 1.9 lbs	1.2 kg / 2.65 lbs	1.2 kg / 2.65 lbs	1.2 kg / 2.65 lbs	1.39 kg / 2.99 lbs
Automotive	✓	✓	✓		✓
Field Service	✓	✓	✓	✓	✓
Industrial / Manufacturing	✓	✓	✓	✓	✓
Military / Defense	✓	✓	✓		✓
Oil & Gas	✓	✓	✓	✓	✓
Public Safety / Emergency Service	✓	✓	✓		✓
Transportation & Logistics	✓	✓	✓	✓	✓
Utility	✓	✓	✓	✓	✓

Product by Sector

# RUGGED FOR THE REAL WORLD



	R8-EX	U11i-EX
Display	8" LCD (1280 x 800)	11.6" FHD (1920 x 1080)
Operating System	Windows® 11 Pro 64-bit	Windows® 11 Pro 64-bit
Processor	Intel® Core™ i5-1230U Intel® Pentium® Gold 8500	Intel® Core™ i5-1230U (i7 optional)
Camera	2MP Front Camera, Optional 11MP Rear Camera	2MP Front Camera, Optional 11M Rear Camera
Battery Life	8.5 hrs (up to 17 hrs with hi-cap batt.)	10 hrs (up to 20 hrs with hi-cap batt.)
Certifications	<b>ATEX ZONE 2 / 22</b> MIL-STD-810H	<b>ATEX ZONE 2 / 22</b> MIL-STD-810H
Ratings	IP 66 / 6 ft.	IP 66 / 6 ft.
COOLFINITY Fanless Design	•	•
Weight	0.88 kg / 1.94 lbs	1.49 kg / 3.29 lbs
Automotive		
Field Service	✓	✓
Industrial / Manufacturing	✓	✓
Military / Defense		
Oil & Gas / Chemical	✓	✓
Public Safety / Emergency Service		
Transportation & Logistics		
Utility	✓	✓

Product by Sector



**ATEX**

**ZONE  
2/22**



# R10 FEATURES HIGHLIGHT

NEXT GENERATION OF AI-POWERED PCs

- **Intel® Core Ultra 5 226V** up to 4.5 GHz/ **Ultra 7 268V** up to 5.0 GHz; with vPro Technology
- Embedded **Intel® AI Boost NPU** to optimize AI performance
- **10.1" WUXGA LCD** (1920 x 1200) **1,000 nits** DynaVue® sunlight readable capacitive multi-touch display with optional digitizer support
- **Hot-swappable battery design** with bridge battery
- Battery Charging Protection Technology
- Microsoft **Copilot+ PC** & Windows 11 **Secured-Core PC** ready
- MIL-STD810H, 461G, 6ft drop, IP66 & ANSI C1D2 certified



**Dyna  
Vue**

 **Copilot+PC**



 **Windows 11**

**DURABOOK**

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# R10 ANATOMY

5MP IR CAMERA FOR WINDOWS HELLO WITH DYNAMIC SHUTTER

◀ FRONT BACK ▶

OPTIONAL BARCODE READER, USB 3.2 GEN 1 TYPE-C, USB 3.2 GEN 1 TYPE-A, RS-232/422/485 OR 2ND RJ-45



MICROPHONE

MICROPHONE

3x PROGRAMMABLE  
BUTTONS

BRIGHTNESS/ VOLUME ADJUSTMENT

HOT-SWAPPABLE  
BATTERY PACK

11MP CAMERA WITH  
DYNAMIC SHUTTER

SPEAKER

OPTIONAL FINGERPRINT



NANO SIM CARD & MICRO SD

DOCKING CONNECTOR

OPTIONAL ANTENNA  
PASS-THROUGH

OPTIONAL SMART CARD READER  
WITH LF/HF-RFID (NFC),  
SMART CARD READER,  
LF/HF-RFID (NFC) OR  
UHF-RFID (NFC)

# R10 ANATOMY

◀ LEFT    RIGHT ▶



# R10 ADAPTING SMARTER BY DESIGN

R10 offers expansion modules for enhanced flexibility:

- Smart Card Reader (SCR)
- Smart Card Reader with LF/HF-RFID (NFC)
- LF/HF-RFID (NFC) Reader
- UHF-RFID (NFC) Reader
- Magnetic Stripe Reader (MSR)
  
- Other customized features available by request.



# R10 RUGGED FEATURES

5.0 MP IR camera for Windows Hello with dynamic shutter design

Magnesium alloy chassis

Compact & lightweight:

- 265 mm (L) x 189.5 mm (W) x 21.2 mm (H)  
10.43" (W) x 7.46" (D) x 0.83" (H)  
1.2 kg / 2.65 lbs.



10.1" temper glass

- MIL-STG-810H & MIL-STD-461G
- IP 66 certified
- 6' drop
- optional ANSI C1D2



# R8 FULLY RUGGED TABLET



- Compact and lightweight for enhanced portability.
- 8" LCD (1280x800) display with Durabook's proprietary DynaVue® technology and up to 800 nits brightness.
- 12th Gen. Intel® Core™ i7/i5 and Pentium® Gold CPUs.
- Most rugged 8" device with Coolfinity™ fanless design – IP66, 6-foot drop resistant and ANSI C1D2 certified.
- Hi-Cap battery with up to 17 hours battery life and swappable battery support.
- Innovative modular design for ultimate functionality via expansion modules.



# R8

# R8 ANATOMY

◀ FRONT BACK ▶

POWER / VOLUME  
DEFINABLE BUTTON

MICROPHONE

2MP CAMERA

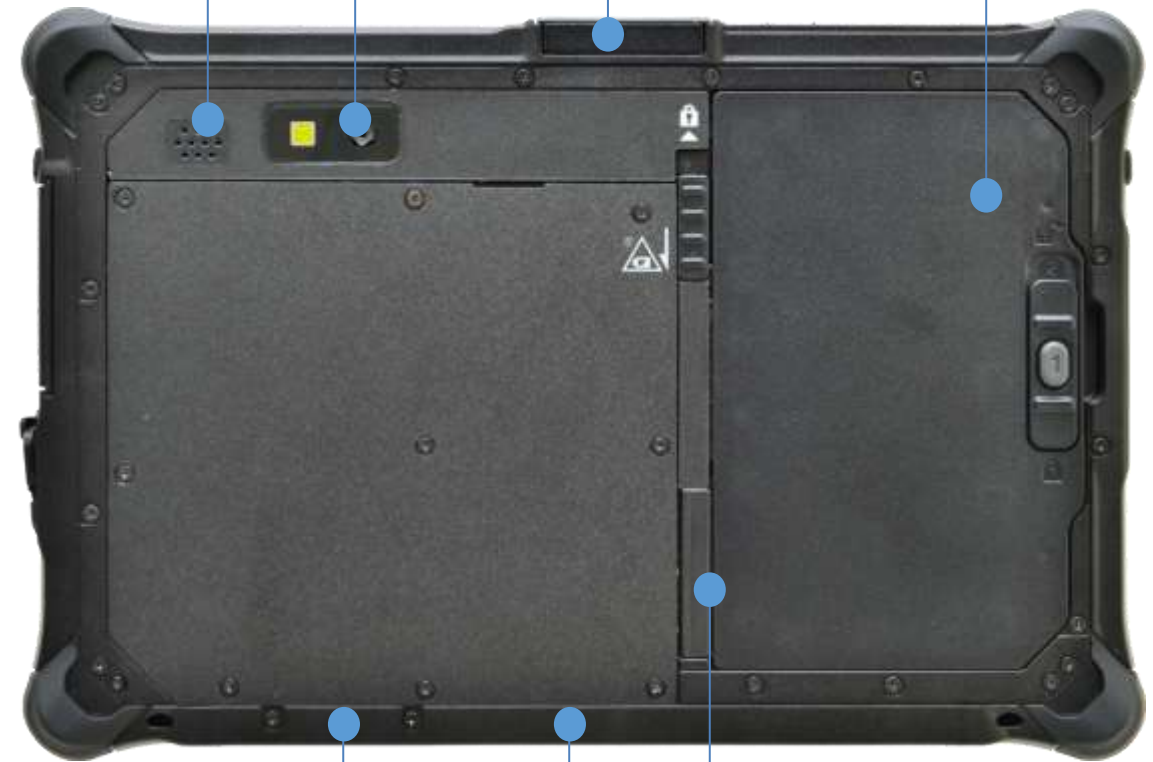


SPEAKER

OPTIONAL  
11MP CAMERA

OPTIONAL BARCODE READER  
OR USB 3.2 GEN 1 TYPE A

SWAPPABLE  
BATTERY PACK



OPTIONAL ANTENNA  
PASS-THROUGH

DOCKING  
CONNECTOR

NANO SIM CARD & MICRO SD

# R8 ANATOMY

◀ LEFT    RIGHT ▶



OPTIONAL MAGNETIC STRIPE READER



USB 3.2 GEN 2 TYPE C

THUNDERBOLT 4

MIC / HEADSET COMBO JACK

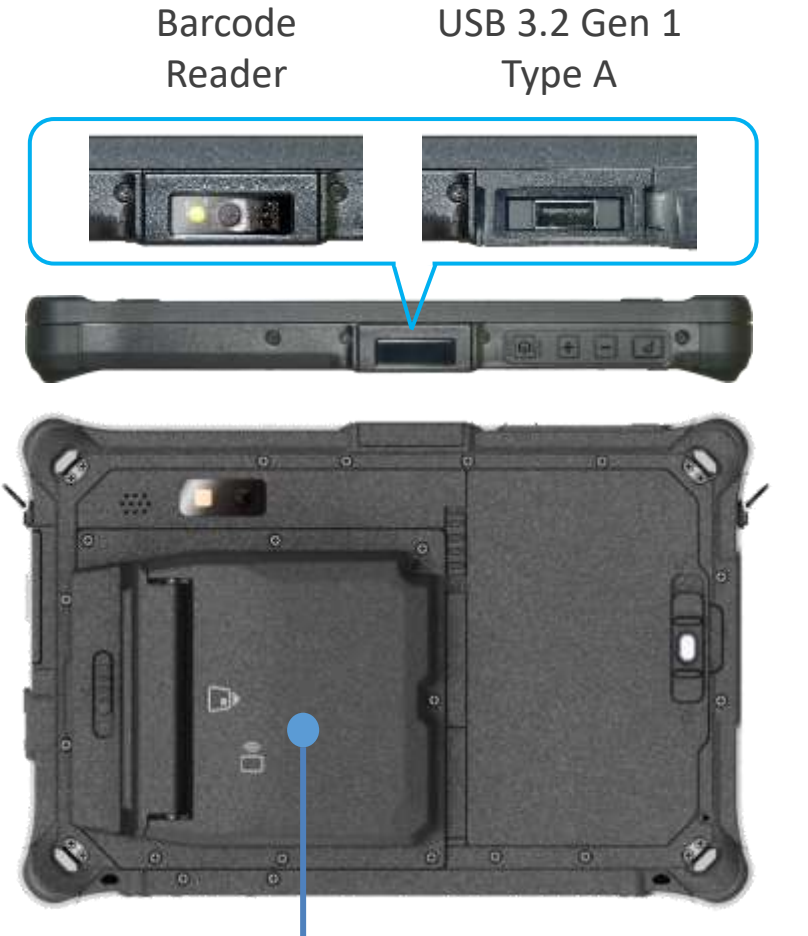
DC-IN

# R8 CUSTOMIZATION CAPABILITIES

- R8 offers expansion modules for enhanced flexibility:
  - Barcode Reader or USB 3.2 Gen 1 (Type A)
  - RS-232/RJ-45/USB 3.2 Gen 1 (Type A) Module
  - Smart Card reader + UHF-RFID (NFC) Module
  - Smart Card reader + LF/HF-RFID (NFC) Module
  - Magnet Stripe Reader
- Other customized features available by request.



Magnet Stripe Reader



Smart Card reader + RFID (NFC) or RS-232/RJ-45/USB 3.2 Gen 1 combo module

# R8 RUGGED FEATURES

Coolfinity™ fanless design

Magnesium alloy chassis

Temper glass

Compact & lightweight:

- 227 mm (L) x 150 mm (W) x 20.5 mm (H)  
8.94" (W) x 5.91" (D) x 0.81" (H)
- 0.86 kg / 1.9 lbs.



Port covers

- MIL-STG-810H & MIL-STD-461G
- IP 66 certified
- 6' drop
- optional ANSI C1D2



# R8-EX FULLY RUGGED TABLET

THE WORLD'S ONLY FANLESS 8" FULLY RUGGED TABLET



- **12th** Gen. Intel® processors - **450% - 800%** faster than competitor devices running on Intel® Atom® CPUs.
- **8" LCD** (1280 x 800) 800 nits sunlight readable display with optional digitizer support.
- **ATEX Zone 2/22** certified.
- **IP66** and **6-foot drop** resistant.
- **COOLFINITY™** fanless design with zero downtime.
- Hi-Cap battery with **up to 17 hours** battery life and swappable battery support and **Battery Charging Protection** technology.

## R8-EX



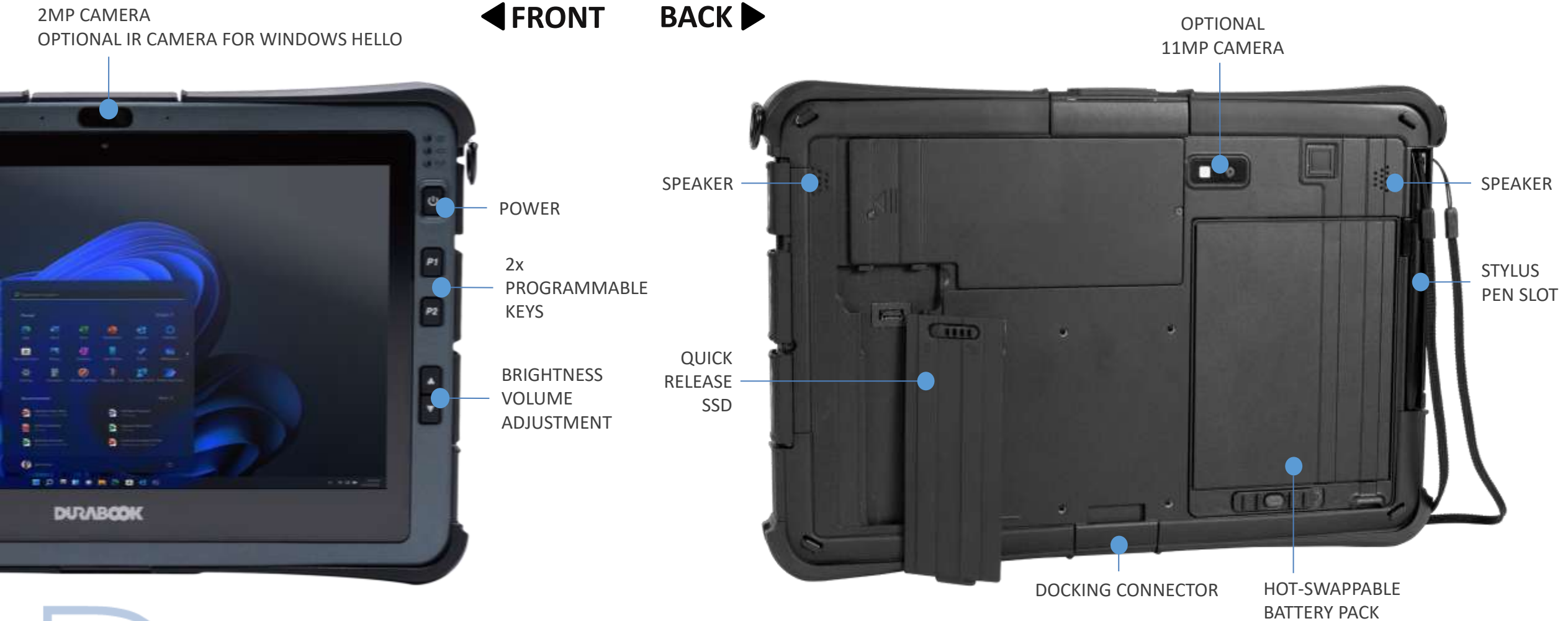
# U11I FULLY RUGGED TABLET

- 11.6" FHD (1920x1080) with high brightness, optional with DynaVue® 1000 nits sunlight readable display.
- 12th Gen. Intel® Core™ i7/i5 CPU.
- Quick-release NVME PCIE SSD.
- Coolfinity™ fanless design, minimized failure rate.
- Hot-swappable battery with bridge battery support.
- Integrated smart card reader (optional).



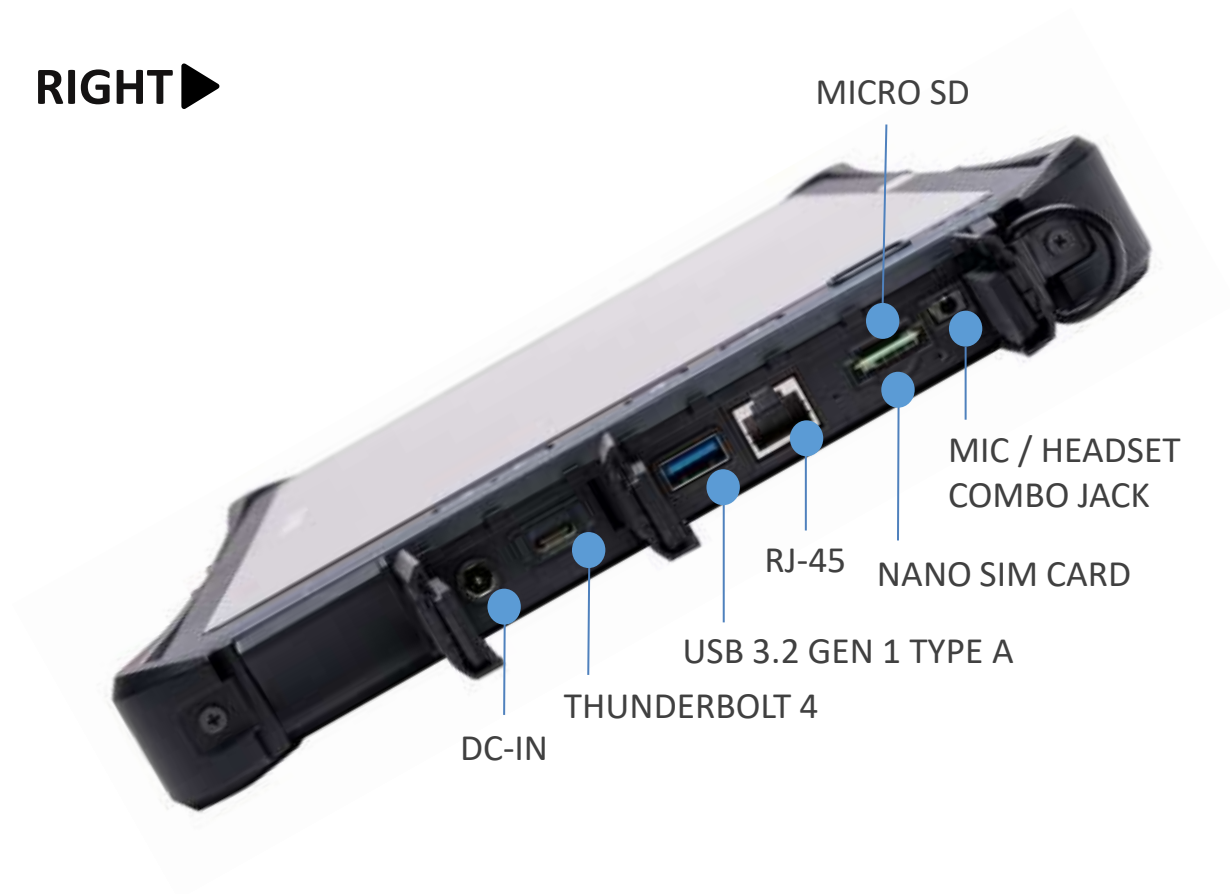
# U11I

# U11I ANATOMY



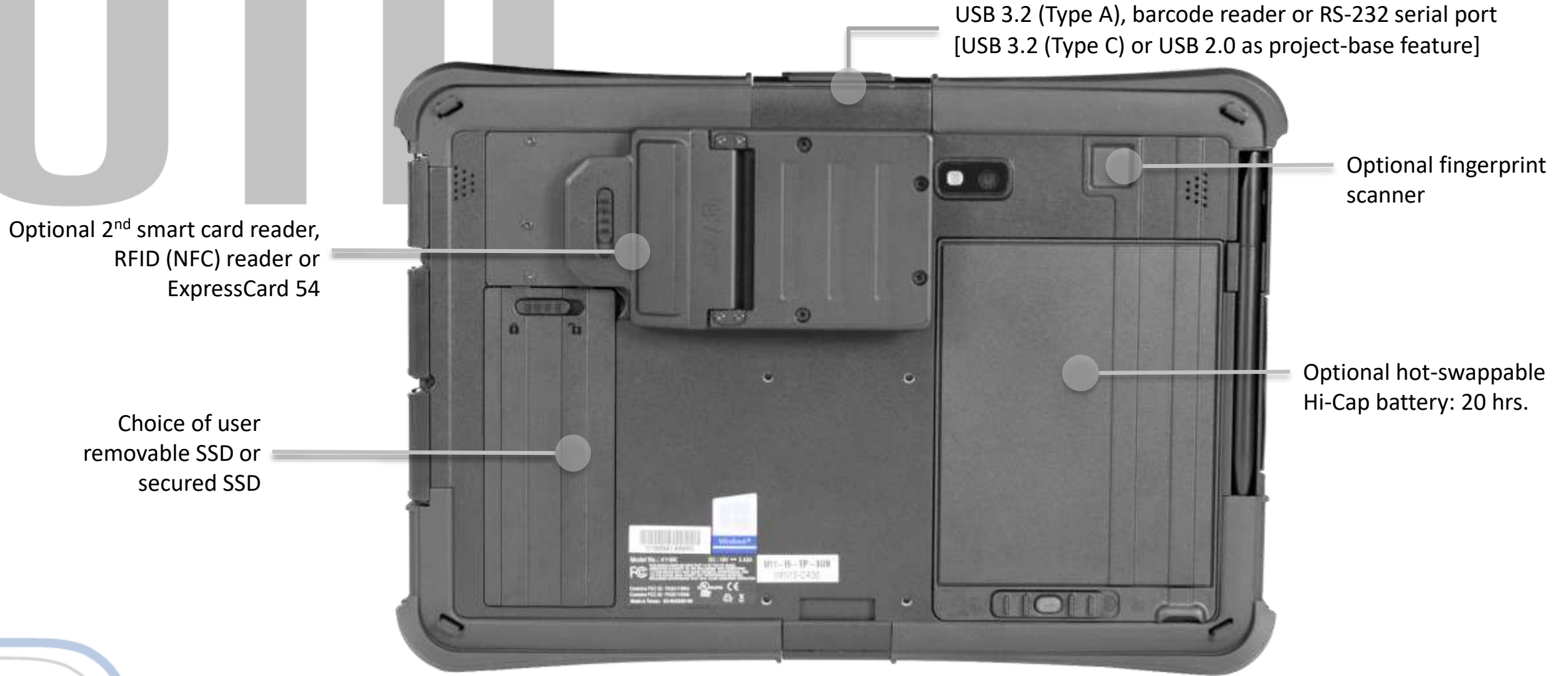
# U11I ANATOMY

◀ LEFT      RIGHT ▶



# U11i CUSTOM FEATURES

U11i



Optional 2<sup>nd</sup> smart card reader, RFID (NFC) reader or ExpressCard 54

USB 3.2 (Type A), barcode reader or RS-232 serial port [USB 3.2 (Type C) or USB 2.0 as project-base feature]

Optional fingerprint scanner

Optional hot-swappable Hi-Cap battery: 20 hrs.

Choice of user removable SSD or secured SSD

# U11I INFINITE CUSTOMIZATION 1/2

FLEXIBILITY FOR VARIOUS I/O OPTIONS

# U11I

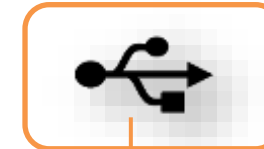


1  
USB 3.2 Type A

2  
RS-232

3  
Barcode  
Scanner

4  
USB 3.2 Type C  
\*Project-Based Feature



5  
USB 2.0 Type A  
\*Project-Based Feature

11MP Camera

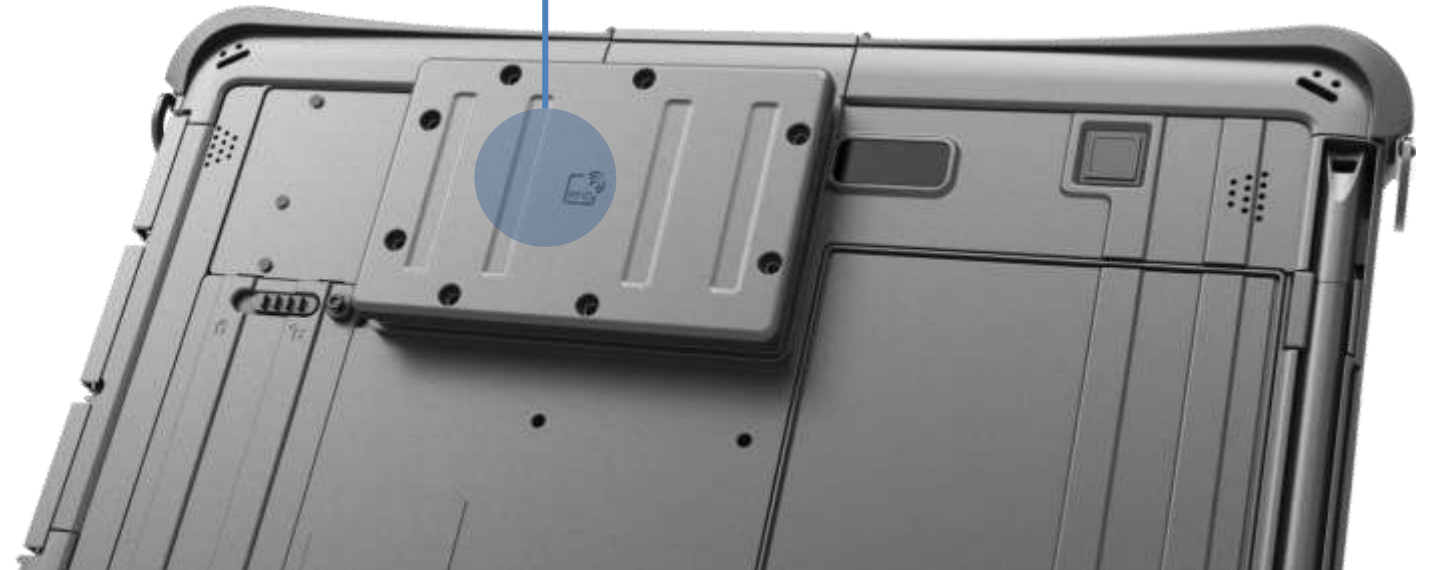
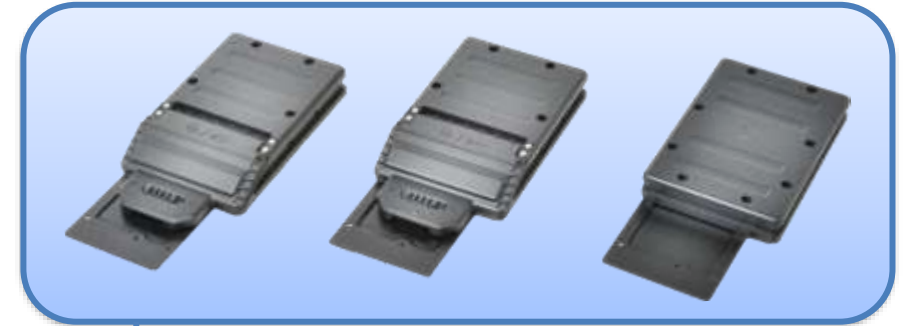


Optional  
Fingerprint Scanner

# U11I INFINITE CUSTOMIZATION 2/2

- U11I offers expansion modules for enhanced flexibility:
  - 2<sup>nd</sup> Smart Card Reader
  - ExpressCard 54 Module
  - LF/HF RFID (NFC) Module
- Other customized features available by request.

3 Expansion Modules available



# U111 EFFICIENT EMS DEVICE

A **medical-purpose born** feature enables users to provide medical staff's identification and to verify patients' information simultaneously.

There are two expansion models available:

- 2<sup>nd</sup> Smart Card Reader, or
- 2<sup>nd</sup> Smart Card & RFID (NFC) Reader



# U11I RUGGED FEATURES



Enhanced bumper design

MIL-STG-810H & MIL-STD-461G  
IP 66 certified  
6' drop  
Optional ANSI C1D2

11.6" temper glass

Coolfinity™  
fanless design

Segmented replaceable  
port covers

Magnesium alloy  
chassis



# U11I-EX FEATURES HIGHLIGHT

MOST POWERFUL FANLESS FULLY RUGGED FOR HAZARDOUS ENVIRONMENTS



- **12th** Gen. Intel® Core™ i7 and i5 CPUs.
- 11.6" FHD (1920x1080) with high brightness, optional with DynaVue® 1000 nits sunlight readable display.
- **ATEX Zone 2/22** certified.
- **COOLFINITY™** fanless thermal design.
- **IP66** and **6-foot drop** resistant.
- Hi-Cap battery with **up to 20 hours** battery life and swappable battery support and **Battery Charging Protection** technology.
- **Secure-Core PC** and **Windows Hello face-authentication camera** (optional).

## U11I-EX



# R11 FULLY RUGGED TABLET

- Thinnest and lightest 11.6" FHD (1920x1080) rugged tablet.
- Optional with DynaVue® 1000 nits sunlight readable display.
- 12th Gen. Intel® Core™ i7/i5 processor.
- Long battery life of 8.5 hrs./15 hrs. with hi-cap battery.
- Supports Vehicle/forklift mounting solution.



# R11

# R11 ANATOMY

PROGRAMMABLE KEY      2MP CAMERA      MICROPHONE      BARCODE / CAMERA BUTTON

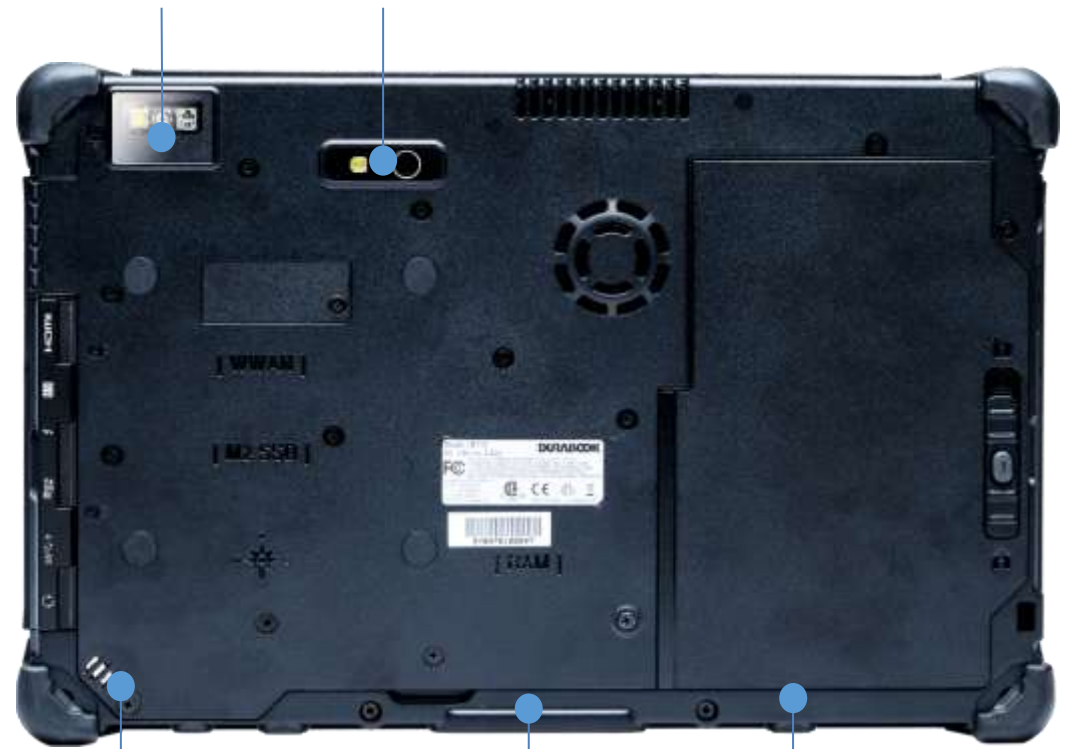


DEFINABLE KEY

▲  
**FRONT**

**BACK**  
▼

OPTIONAL BARCODE READER      11MP CAMERA



SPEAKER

DOCKING CONNECTOR

DC IN

# R11 ANATOMY

◀ LEFT      RIGHT ▶



# R11 VERSATILE DATA CAPTURE

1D/2D barcode reader



Choice of:

1. RJ-45 port
2. RFID (NFC) reader
3. Smart card reader
4. MSR/Smart card reader
5. RJ-45/RS-232 & Smart card reader

# R11

# R11 DESIGN FEATURES

# R11

- Sleek & compact:  
20mm (0.79") thickness
- Light weight:  
1.2kg (2.65 lbs.)



Enhance display frame cover (2mm/0.08")



11.6" temper glass

- MIL-810H & IP66 certified
- MIL-STD-461F Level II
- 4' Drop
- optional ANSI C1D2



# R11L FULLY RUGGED TABLET

- Thinnest and lightest 11.6" FHD (1920x1080) rugged tablet.
- 12th Gen. Intel® Pentium® Gold 8505 Processor
- Optional with DynaVue® 1000 nits sunlight readable display.
- Long battery life of 8.5 hrs./15 hrs. with hi-cap battery.
- Data-capture modules for diversified demands.
- Supports vehicle/forklift mounting solution.



# R11L

# R11L ANATOMY

PROGRAMMABLE KEY      2MP CAMERA      MICROPHONE      BARCODE / CAMERA BUTTON

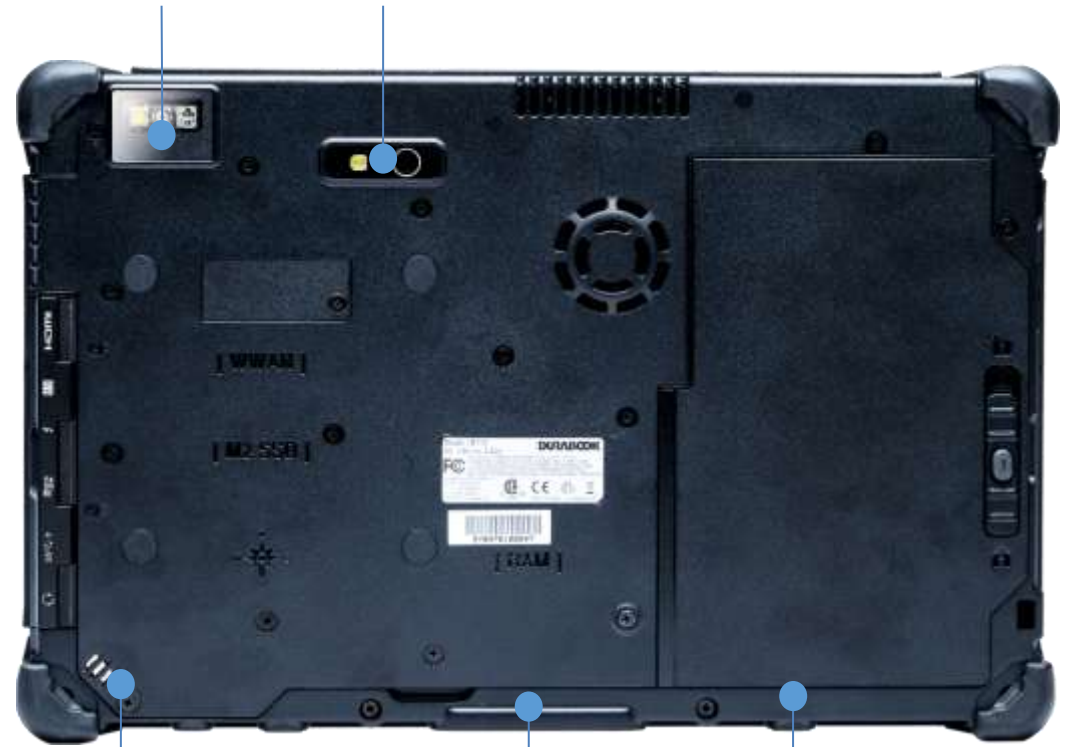


DEFINABLE KEY

▲  
**FRONT**

**BACK**  
▼

OPTIONAL BARCODE READER      11MP CAMERA



SPEAKER

DOCKING CONNECTOR

DC IN

# R11L ANATOMY

◀ LEFT      RIGHT ▶



# R11L VERSATILE DATA CAPTURE

1D/2D barcode reader



Choice of:

1. RJ-45 port
2. RFID (NFC) reader
3. Smart card reader
4. MSR/Smart card reader
5. RJ-45/RS-232 & Smart card reader

# R11L

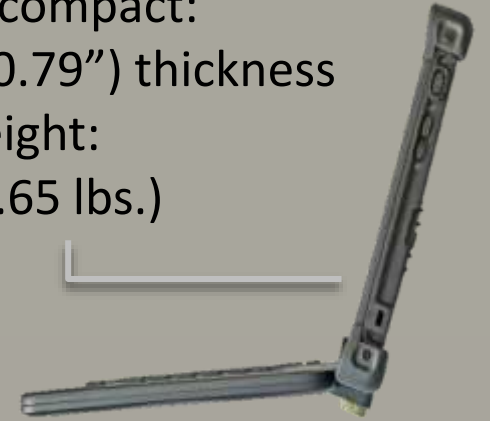
# R11L DESIGN FEATURES

# R11L



Enhance display  
frame cover  
(2mm/0.08")

- Sleek & compact:  
20mm (0.79") thickness
- Light weight:  
1.2kg (2.65 lbs.)



11.6" temper glass

- MIL-810H & IP66 certified
- MIL-STD-461F Level II
- 4' Drop
- optional ANSI C1D2



# S15 SEMI-RUGGED LAPTOP

**LIGHTEST & THINNEST 15.6" SEMI-RUGGED LAPTOP IN ITS CLASS.**

- 15.6" FHD (1920 x 1080) screen with 1000 nits DynaVue® sunlight readable display.
- 12th Gen. Intel® Core™ i7/i5 CPU.
- 98-key membrane keyboard with dedicated numeric keypad and optional LED backlight.
- Swappable, Quick-release Battery Design.
- Light and thin design with only 2.6 kg (5.73 lbs.) and 29.5 mm (1.16") thin profile.



# S15 ANATOMY

2MP CAMERA  
OPTIONAL 5MP IR CAMERA FOR WINDOWS HELLO



15.6" 1000 NITs SUNLIGHT  
READABLE DISPLAY

2x PROGRAMMABLE KEYS

98-KEY KEYBOARD  
WITH NUMERIC PAD AND  
OPTIONAL LED BACKLIGHT

OPTIONAL FINGERPRINT

◀ FRONT    BACK ▶



RJ-45    THUNDERBOLT 4    VGA    RS-232  
USB 3.2 GEN 2 TYPE C    (SERIAL PORT)

S15 with 2nd RJ-45 & 2nd RS-232 ports



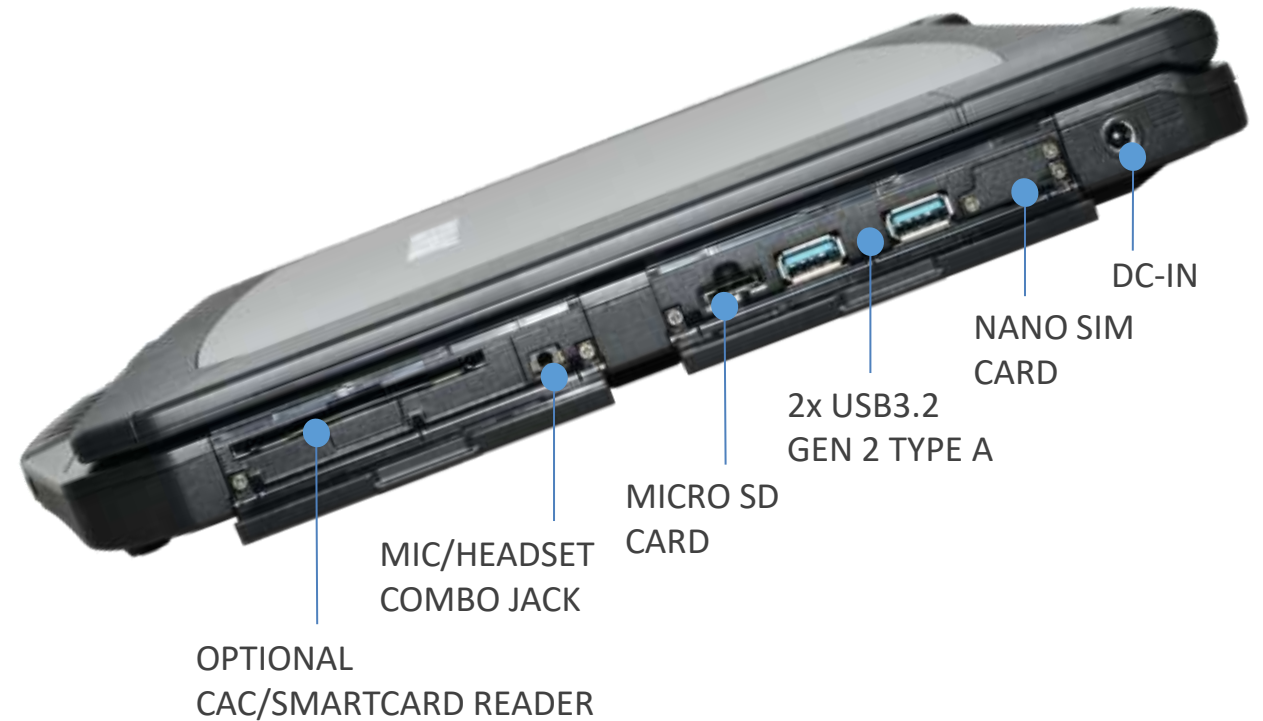
S15 with NVIDIA® RTX A500



# S15 ANATOMY

# S15

◀ LEFT    RIGHT ▶



# S15 DESIGN FEATURES

## WIDE SCREEN DISPLAY

15.6" FHD Display (1920 x 1080)

98-key membrane keyboard with dedicated numeric keypad and optional LED backlight



## INCREDIBLY LIGHT & THIN

2.6 kg (5.73 lbs.) / 29.5 mm (1.16") height

# S14I SEMI-RUGGED LAPTOP

## WORLD'S TOUGHEST SEMI-RUGGED LAPTOP

- **Intel® Core™ Ultra 5 125U** up to 4.3 GHz/ **Ultra 7 155U** up to 4.8 GHz; with vPro Technology.
- Embedded **Intel® AI Boost NPU** to optimize AI performance
- 14" **FHD** (1920 x1080) **1,200 nits** DynaVue® sunlight readable display and optional capacitive multi-touch function
- Removable **quick-release batteries & storage drive**
- **Dual Hot-Swappable battery design** up to 32 hours
- Windows 11 **Secured-Core PC** ready
- Optional **NVIDIA® RTX A500 Graphics / AI Accelerator**
- MIL-STD-810H, 4ft drop & IP53 certified



2MP CAMERA WITH PRIVACY SHUTTER  
OPTIONAL 5MP IR CAMERA FOR WINDOWS HELLO



◀ FRONT    BACK ▼

14.0" 1200 NITS SUNLIGHT  
READABLE DISPLAY

2x PROGRAMMABLE  
KEYS

OPTIONAL RFID/NFC READER

OPTIONAL FINGERPRINT

# S14I ANATOMY



2x THUNDERBOLT 4

HDMI 2.1

RJ-45

NANO SIM CARD

MICRO SD CARD

OPTIONAL CAC/SMART CARD READER



S14I with NVIDIA® RTX A500



# S14I ANATOMY

◀ LEFT    RIGHT ▶



KENSINGTON  
LOCK

OPTIONAL SMART CARD READER  
OPTIONAL BARCODE READER  
OPTIONAL EXPRESSCARD 54  
OPTIONAL 2ND RS-232 &  
2ND USB 3.2 Gen 1

SWAPPABLE MAIN BATTERY  
COMPARTMENT FOR STYLUS  
QUICK-RELEASE NVME PCIE SSD



SWAPPABLE 2ND BATTERY







AUDIO IN/OUT

1x USB 3.2 Gen 2 (Type A)  
1x USB 3.2 Gen 1 (Type A)

RS-232    RJ-45    DC-IN

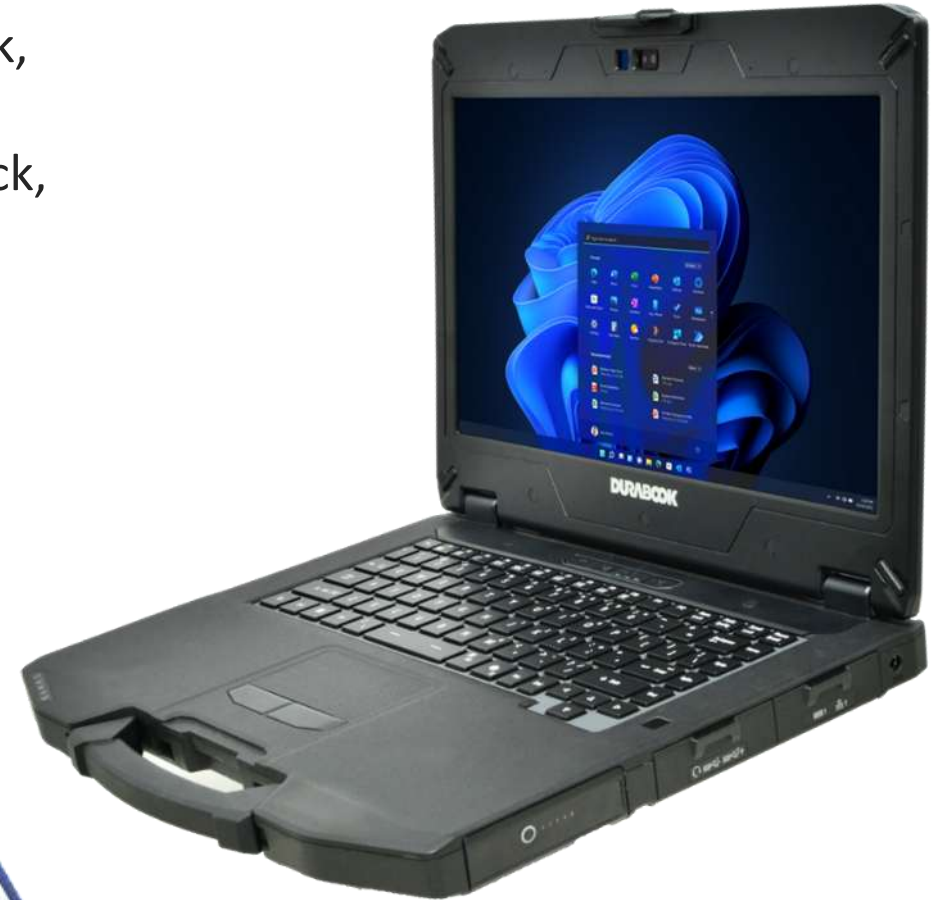
# ALL THE RIGHT CONNECTIONS **2x**



-  **Dual** Thunderbolt 4 by default 
  -  **Dual** RJ-45 ports by default 
  -  **Dual** RS-232 ports (support 422/485)\* 
- \* 2nd port is optional.

# S14I RUGGED FEATURES

- **MIL-STD-810H certified** (4' drop, shock, vibration, dust, altitude, freeze/thaw, high/low temperature, hazardous shock, humidity)
- **4-ft drop & IP 53 certified**
- **Magnesium alloy chassis**
- **Removable quick-release storage**
- **Port covers**
- **Temperature Tolerant Operating**  
-29°C ~ 63°C / -20°F ~ 145°F



# Z14I FULLY RUGGED LAPTOP

THE MOST VERSATILE FULLY-RUGGED LAPTOP / AI PC



- **Intel® Core™ Ultra 5 125U** up to 4.3 GHz/ **Ultra 7 155U** up to 4.8 GHz; with vPro Technology and integrated **Intel® AI Boost NPU**
- 14" **FHD** (1920 x1080) with **1,200 nits** DynaVue® sunlight readable display and capacitive multi-touch function
- **AI-ready** device with **Windows 11 Secured-Core PC**
- **Dual removable** quick-release storage drives
- **COOLFINITY™** fanless design with hot-swappable batteries
- **State-of-the-Art Connectivity**: Dual Thunderbolt 4 ports, Dual SIM, Wi-Fi 7, Bluetooth V5.4, 4G LTE/5G and dedicated GPS
- MIL-STD-810H, **6ft drop** & **IP66** certified, optional ANSI/UL C1D2



# Z14I ANATOMY

2MP CAMERA WITH PRIVACY SHUTTER  
OPTIONAL 5MP IR CAMERA FOR WINDOWS HELLO

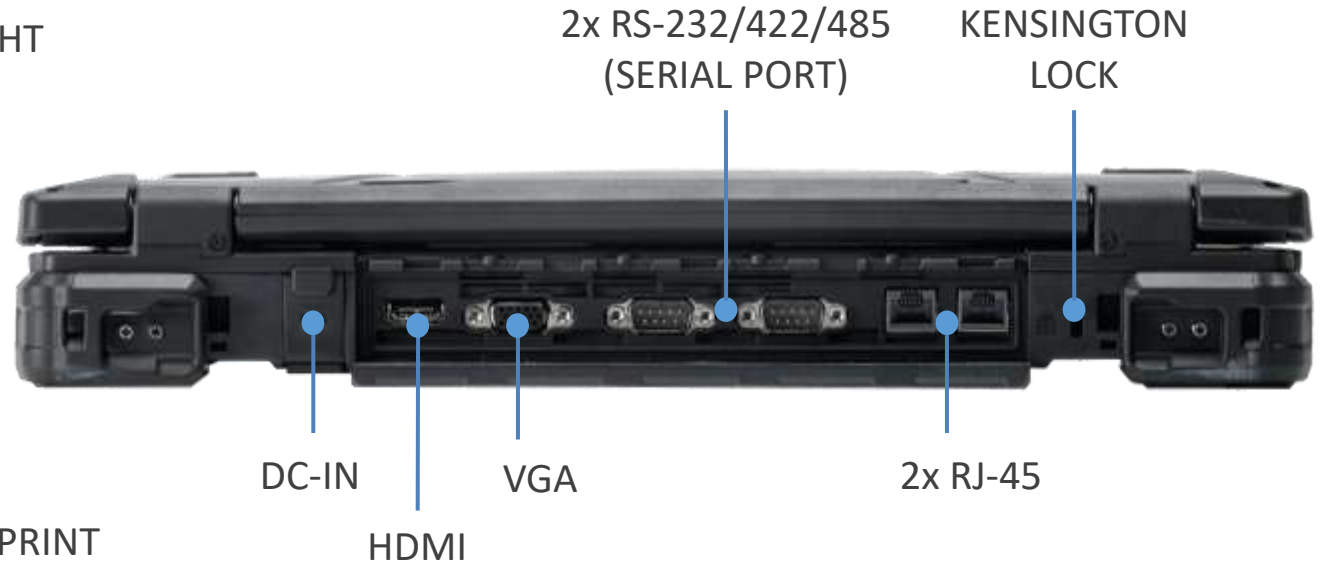
◀ FRONT    BACK ▶



14.0" 1200 NITs SUNLIGHT  
READABLE DISPLAY

2x PROGRAMMABLE  
KEYS

OPTIONAL FINGERPRINT



2x RS-232/422/485  
(SERIAL PORT)

KENSINGTON  
LOCK

DC-IN

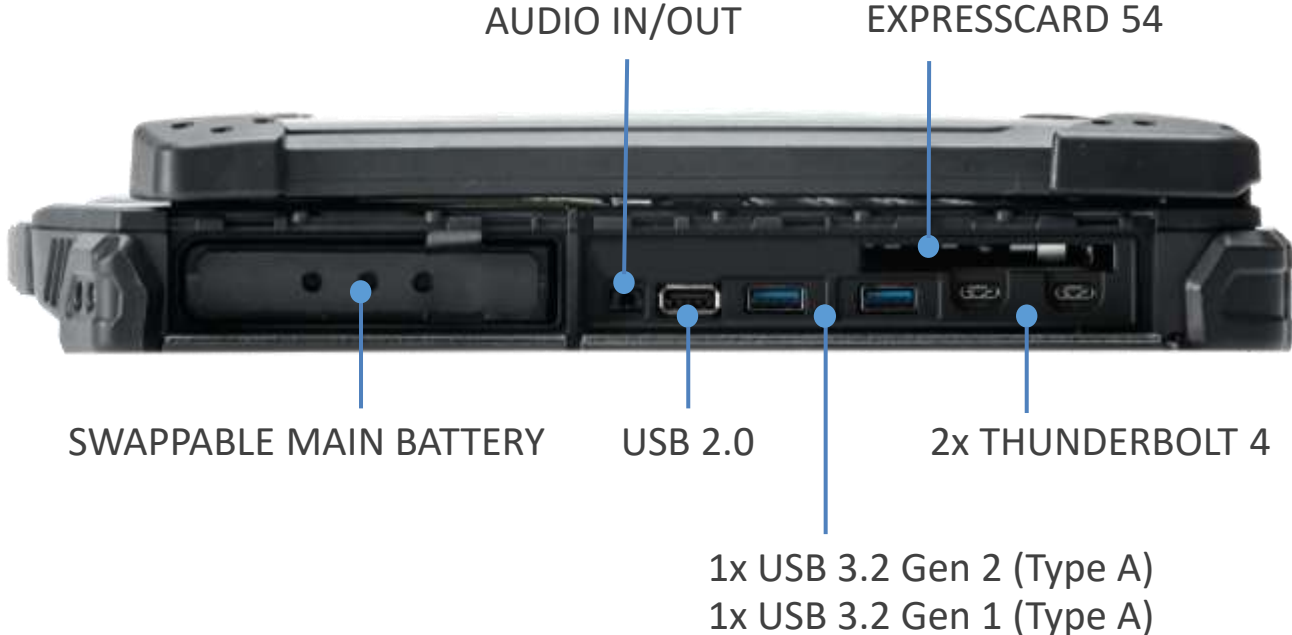
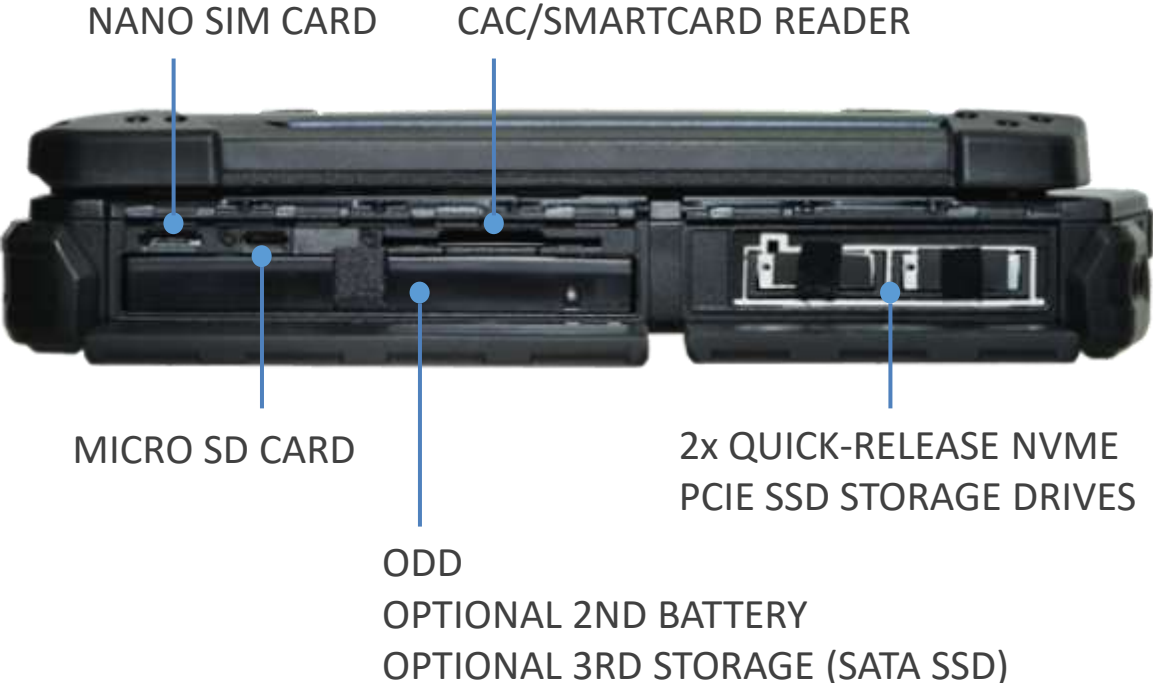
VGA

2x RJ-45

HDMI

# Z14I ANATOMY

◀ LEFT    RIGHT ▶



# Z14I CUSTOM FEATURES



Optional 5MP IR Camera  
for Windows Hello

Optional RF antenna pass-  
through for GPS, WWAN  
and WLAN

DVD Super Multi or  
2nd battery or 3rd SSD

Optional RFID (NFC) reader

Optional fingerprint scanner

Optional swappable  
battery technology:  
2nd battery & bridge  
battery

# MILITARY GRADE CONNECTORS

- Purpose-built M12 military-grade connectors for 7 I/O interfaces.
- Custom-Built: Enhanced flexibility for MIL-STD-38999 connectors.
- More rugged than ever.
- Applications:
  - ✓ Industrial automation use
  - ✓ Military vehicle use
  - ✓ Waterproof connector use
  - ✓ Automotive diagnostic use
  - ✓ Exploration Use



I/O Interfaces
VGA x 1
RS-232 x 2
RJ-45 x 2
DC in x 1
USB 2.0 x 1



# INFINITE POSSIBILITIES

## A Working Server

- Multiple PCIe 3.0 interface connections



## Additional Discrete VGA

- Graphics enhancement



# ENHANCED DATA SECURITY

## Storage Extension for RAID 0, 1, 5 & 10.

- From a working station to a working server, the expansion box provides two compartments with PCIe interface for various solution builds.
- Field installed with simple and easy guideline to become a powerful working station.
- Support **RAID 0, 1, 5 & 10**
- Support SATA SSD



# Z14I RUGGED FEATURES

- Extreme rugged certified for salt fog & fungus resistance; MIL-STD-810H certified (6' drop, shock, vibration, dust, altitude, freeze/thaw, high/low temperature, hazardous shock, humidity, explosive atmosphere, solar radiation, salt fog, fungus resistance)
- MIL-STD-461G certified
- 6-ft drop & IP 66 certified
- Coolfinity™ fanless design
- Magnesium alloy chassis
- Port covers
- Temperature Tolerant Operating: -29°C – 63°C



# Z14I-HG MOBILE WORKSTATION

FULLY RUGGED GRAPHICS PERFORMANCE WORKSTATION

- **Intel® Core™ Ultra 7 155U/ 165U** up to 4.9 GHz; with vPro Technology.
- Embedded **Intel® AI Boost NPU** to optimize AI performance
- **NVIDIA® RTX™ 3500 Ada** with **12GB GDDR6** memory
- **NVIDIA® RTX™ 5000 Ada** with **16GB GDDR6** memory (optional)
- **Up to 5 x HDMI 2.1 Display Output** (4x through NVIDIA GPU)
- 14" **FHD** (1920 x1080) with **1,200 nits** DynaVue® sunlight readable display and capacitive multi-touch function
- **Dual removable** quick-release storage drives
- MIL-STD-810H & IP66 certified

 Windows 11

 Copilot



 NVIDIA  
**RTX**

 intel  
CORE  
ULTRA 5

 intel  
CORE  
ULTRA 7

# Z14I-HG ANATOMY

2MP CAMERA WITH PRIVACY SHUTTER  
OPTIONAL 5MP IR CAMERA FOR WINDOWS HELLO

◀ FRONT    BACK ▶



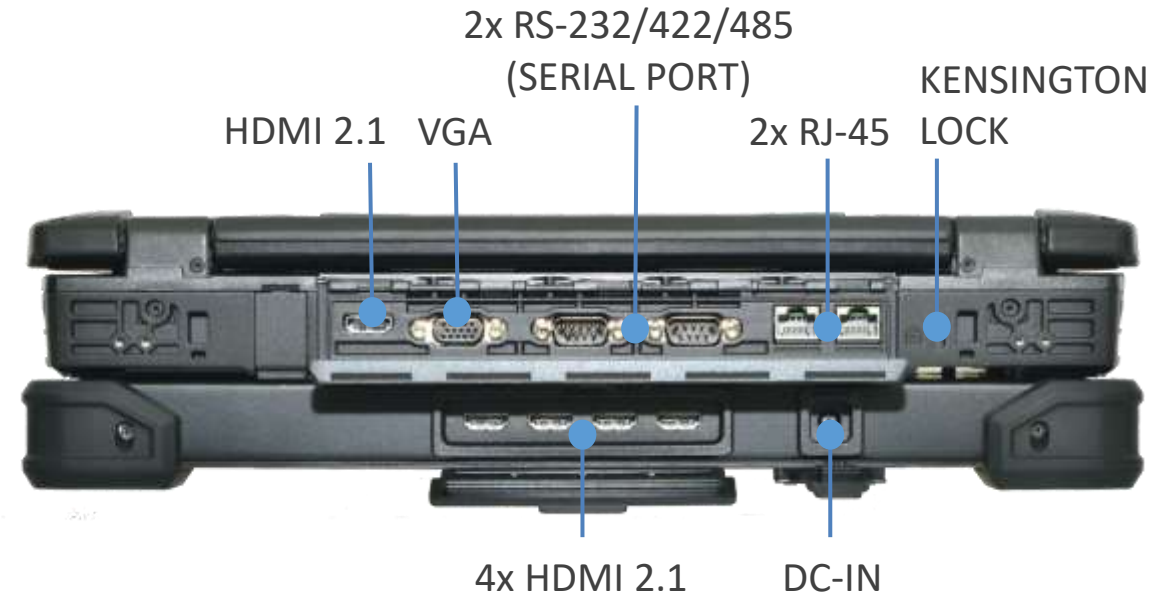
14.0" 1200 NITS SUNLIGHT  
READABLE DISPLAY

4 TOUCH MODES: GLOVE,  
STYLUS, WATER & FINGER

2x PROGRAMMABLE  
KEYS

OPTIONAL FINGERPRINT

OPTIONAL RFID/NFC READER

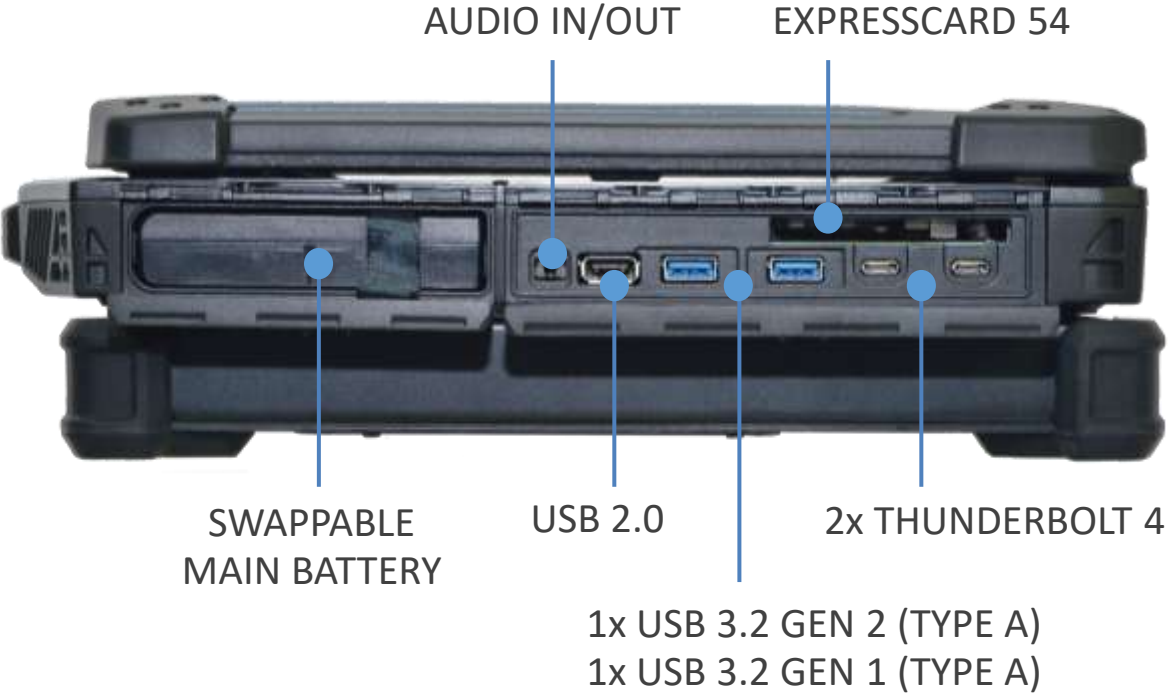
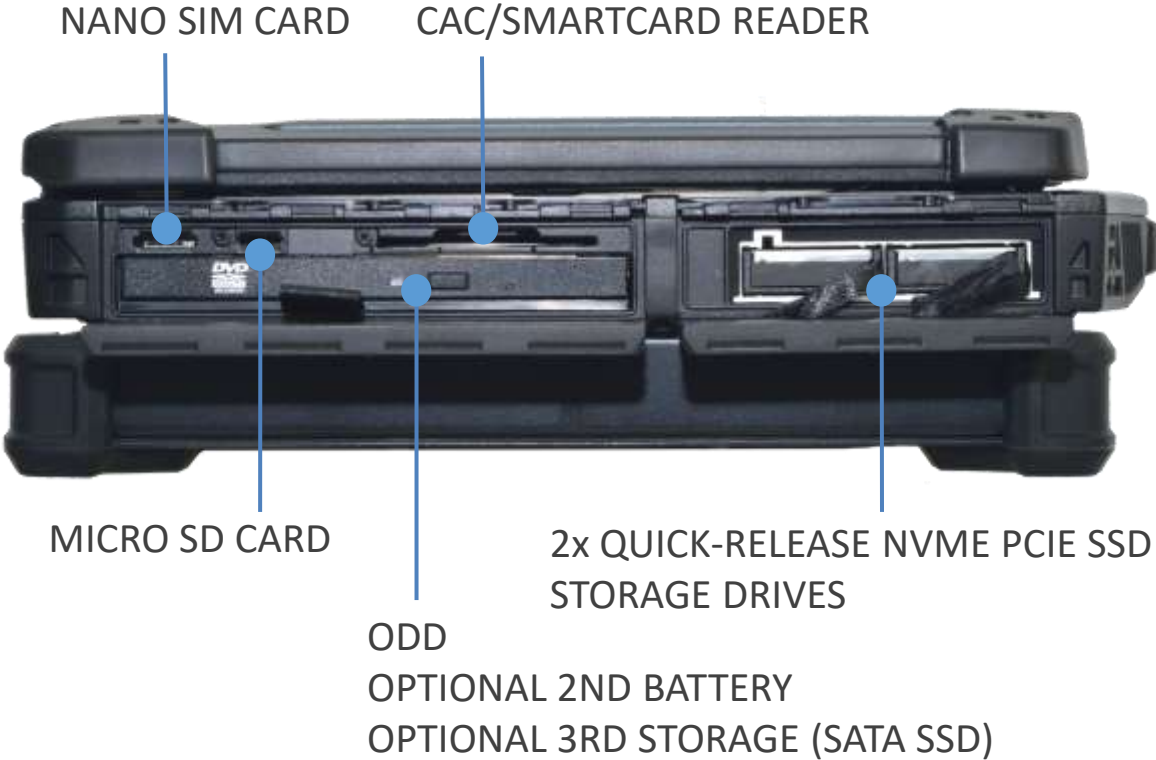


HDMI 2.1    VGA    2x RS-232/422/485  
(SERIAL PORT)    2x RJ-45    KENSINGTON  
LOCK

4x HDMI 2.1    DC-IN

# Z14I-HG ANATOMY

◀ LEFT    RIGHT ▶



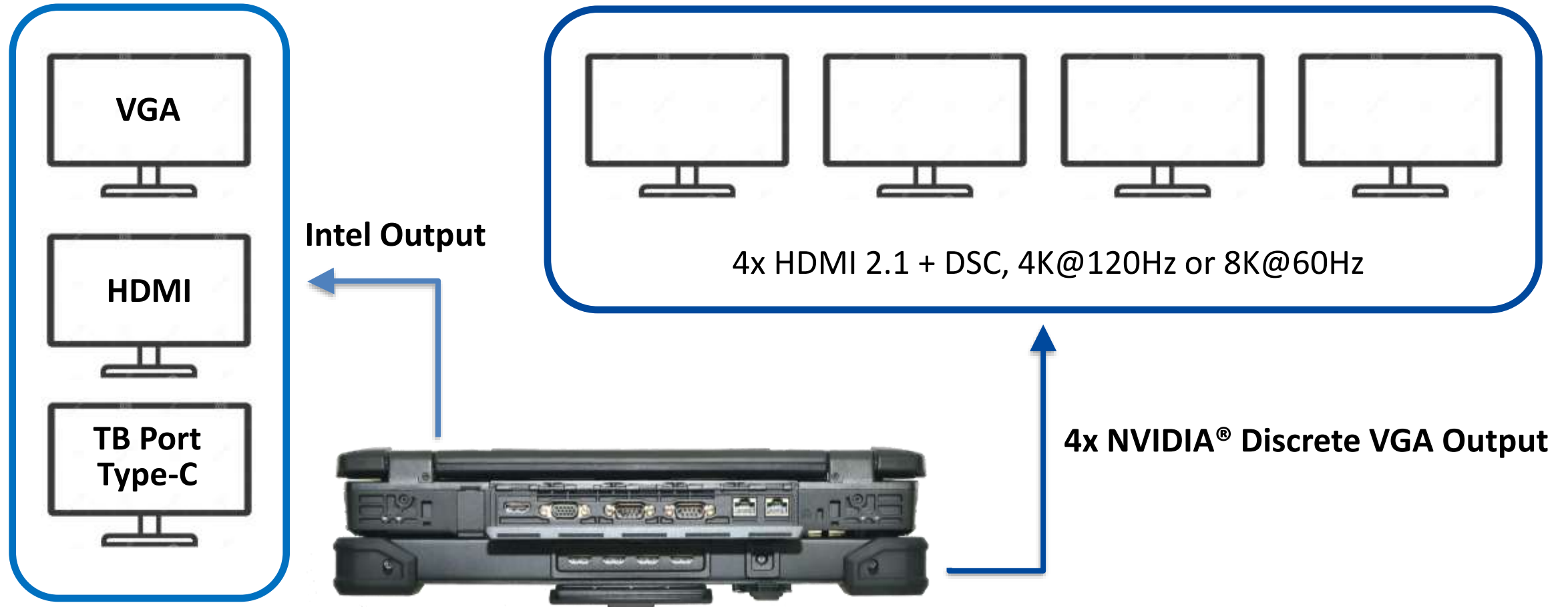
# AI WORKSTATION POWER. BUILT RUGGED.

- Z14I-HG is the first fully rugged laptop to integrate Intel® AI engine, delivering up to **34 TOPS** alongside powerful NVIDIA® RTX™ 3500/5000 Ada graphics, enabling unprecedented AI performance of up to **682 TOPS**.
- Powered by the NVIDIA® RTX™ Ada architecture, it provides workstation-class parallel computing, advanced AI acceleration, and high-end visualization performance for the most demanding workloads.



# Z14I-HG GRAPHICAL WORKSTATION

APPLICATION ILLUSTRATION



# Z14I-HG RUGGED FEATURES

Z14I-HG

- Extreme rugged certified for salt fog & fungus resistance; MIL-STD-810H certified (shock, vibration, dust, altitude, freeze/thaw, high/low temperature, hazardous shock, humidity, explosive atmosphere, solar radiation, salt fog, fungus resistance)
- MIL-STD-461G certified
- IP 66 certified
- Magnesium alloy chassis
- Port covers
- Temperature Tolerant Operating: -29°C – 63°C



# OUR QUALITY. OUR COMMITMENT.



- Strong R&D and system design capabilities
- Having completed development & production facilities
- 3-year limited warranty standard  
- Built-tough products - meet MIL-STD-810H and IP requirements   
- ISO certified factory
- “Made in Taiwan”

# SUCCESS CASES



# U11 TABLETS KEEPING MILITARY PLANES READY TO SERVE

## CUSTOMER

US Air Force

## CHALLENGE

US Air Force Flight Line Maintenance Crew need to perform service and repairs in the harshest conditions on the planet.

## SOLUTION

Featuring the latest Intel Core processors, Durabook has designed the U11 fully rugged tablet to support the Air Force eTools initiative. The U11 fully rugged tablet features a multi-touch 11.6-inch FHD sunlight-readable display, providing excellent viewing both indoors and out.



In addition, the U11 offers optional detachable keyboard, allowing the tablet to fit in the smallest spaces requiring service. The U11 withstands the extreme temperatures. With a broad array of accessories, including vehicle mounts, barcode scanners, and eTool cabinets, the U11 provides the flight line maintenance team with a powerful computing solution for all situations.

## SOLUTION

The US Air Force has deployed the U11 globally, delivering a technology solution to the US Military that Durabook backs with a 4-year warranty. Exceeding the standards for rugged, it's HERO-certified and MITs compliant. Additionally, its connectivity has allowed the Department of Defense to maintain their legacy flight line and service the latest aircraft deployments.

# DUALOS TAKES FLIGHT WITH DURABOOK

CUSTOMER	CHALLENGE	SOLUTION
Dualos	Many Dualos customers need, expect, and demand full assurance that the laptops and tablets used in their labs and deployed platforms do not transmit audio, video, or have RF communications.	Working together, Dualos and Durabook created an attractive, cost-effective solution. Using Durabook's rugged tablet U11 and laptops S14I and Z14I as bases, they developed the Secure Quiet Dualos exclusive product line.

Dualos took advantage of Durabook's 35 years of proven customer support and experience working with end-users in identifying key requirements, providing necessary technical documentation, and regularly updated training. Working together, they create and support the Dualos exclusive Secure Quiet product line (U11SQ2, S14SQ2, Z14ISQ2), including the X14ISQ2, a rugged laptop with the full performance of the Z14ISQ2 and two PCIe expansion slots.

## RESULTS

One mil/aero customer's comment sums up the feelings of everyone that has experienced the collaborated, hybrid solution: "All of these features for this price? I don't see a need to purchase from anyone else. I'm tired of the current rugged computers from IT falling apart, and they charge us for each individual feature."



# DRONE SYSTEM SPECIALIST FLIES HIGH WITH Z14I LAPTOPS

## CUSTOMER



## CHALLENGE

The equipment the manufacturer was using for reconnaissance operations was insufficient to deal with the challenges of working in adverse weather conditions. An essential requirement was finding a rugged device with a high-quality screen that was responsive, touchable and bright with good pixel detailing and all-weather functionality.

## SOLUTION

The Z14I rugged laptop was recommended, which is now sold as part of the drone system.

The Z14I rugged laptops provided many of the same characteristics of the previous equipment but it had a much better screen and sensor functionality. DURABOOK's efficient cooling system meant that the equipment worked well and reliably during the hot summer season, but it also showed its capabilities in cooler temperatures, allowing maximum productivity in the field. The kit was also trialed in the mountains at an altitude of over 5,000 meters (16,404 ft), and in challenging weather conditions such as fog, drizzle and snow. The computing capabilities of Z14I laptops have both met and surpassed Spaitech's expectations. With mobility such an essential aspect of fieldwork, the dimensions of the equipment, namely the lightness and compactness of the laptops, enable the equipment to be sufficiently mobile.

"The main advantages of DURABOOK are that it withstands low temperatures, while remaining workable. Also, DURABOOK laptops are stable and work fast."

Anatolii Asauliak,  
Head of Operations  
Department at Spaitech



# DURABOOK TAKES ON RIGORS OF POLICE WORK IN NEWNAN, GEORGIA

## CUSTOMER

City of Newnan,  
Newnan Police  
Department

## CHALLENGE

About four years ago, the mobile computers used in the Newnan Police Department's patrol units were coming up on their end of life. But modern-day policing is so reliant on computers that being without the device hamstringing officers trying to do their work in the field.

## SOLUTION

Newnan Police Captain Bradley Thompson wanted to give the city's officers the best equipment to get the job done out in the field. He selected Durabook U11 Rugged Tablets and R8 Rugged Tablets for their durability, battery power, anti-glare screens, and their ability to hold up under extreme temperatures.



The Newnan Police Department selected the Durabook U11 Rugged Tablet for its durability, cost-effectiveness, long battery life, anti-glare screen, and ability to withstand extreme temperatures, outperforming competitors in field tests.

The Newnan Police Department uses the U11 Rugged Tablets in the patrol cars and has two R8 Rugged Tablets on their motorcycle units. Captain Thompson said, "The smaller tablets work perfectly." Durabook's sunlight readable display keeps the glare down allowing officers to see the computer screen in the car or outside in direct sunlight, which helps tremendously.

When patrol cars have been involved in accidents, Captain Thompson said, "I can say at this point, we've not had an instance where the Durabook has ever been damaged."



"It's a very good product. But cost wise, when we field-tested the Durabook for what it was putting out, versus the product that they were putting out there, it did not make sense to me to pay that extra price tag to get the same quality product that we got out of Durabook."

Captain Thompson  
City of Newnan,  
Newnan Police Department

# R11 STANDS UP AGAINST ARIZONA CHALLENGES

CUSTOMER	CHALLENGE	SOLUTION
Chino Valley Police Department	The Chino Valley Police Department required a rugged mobile computing solution that could handle the Arizona high desert's unique challenges.	The ability for <b>Durabook</b> to continue to upgrade its R11 rugged tablet to the most current chipsets and specifications has allowed us to standardize on a single model.



## THE RESULT

The Durabook rugged tablets have exceeded all of the performance and durability expectations that the Chino Valley Police Department had for their use. And the customer and warranty support provided by the Durabook Americas' team has been the primary

reason the department has continued to purchase its rugged computers from Durabook. On those occasions when they have had an issue with a unit, the team at Durabook has diligently worked to assist the department in returning the unit to service quickly. This has enabled the department to provide exceptional service to its community and be sensitive to the department's budget.

# GOING EXTRA MILE WITH INDUSTRIAL VIDEO & CONTROL

## CUSTOMER

Industrial Video & Control (IVC)

## CHALLENGE

IVC had discovered that the laptops in their MobileVision surveillance systems were a point of weakness in durability and availability.

## SOLUTION

From the first contact with Durabook, IVC found Durabook to be very responsive and willing to work with them to identify the right rugged laptop for the MobileVision solution's computing requirements.



IVC's MobileVision surveillance solutions provide real-time monitoring when and where a customer needs it. These smaller, portable systems will have up to four high-quality video cameras and a mobile laptop computer that runs the video recording software, mounted on rugged trailers. The system is almost always deployed outside, in any kind of weather, and is likely to be taken o-road over uneven ground. When a police department, college, or industrial interest purchases a remote video surveillance trailer to watch over large public events, for emergency management, or to monitor for loss prevention, the stakes can be high, and the terrain can be rugged.

"Failures in the field are costly to us, they're costly to our customers, and we used to have a lower-end model laptop that did experience some failures in the field. The Durabook S14I does not have field failures, so from a business point of view, this has been a win-win for us."

Norman Fast,  
IVC CEO and co-founder



# VCSECURITY X-RAY SOLUTION IDENTIFIES HIDDEN DANGERS

## CUSTOMER

VCsecurity

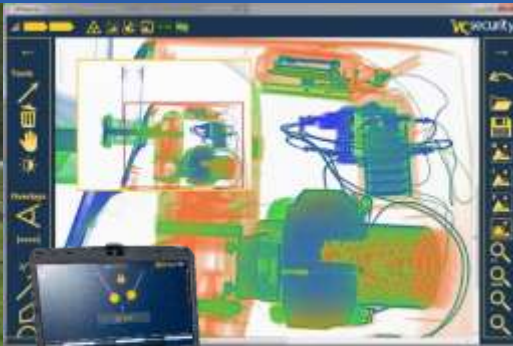


## CHALLENGE

VCsecurity's mobile X-ray devices must detect hidden dangers quickly and reliably in all environmental conditions. To do so, they need mobile terminal devices which are as sturdy and powerful as they are, and provide very good images.

## SOLUTION

By using **Durabook** laptops and tablets, VCsecurity provides customers with rugged devices for any area of application. These devices are not only resistant to extreme conditions, but also deliver a high performance and allow for quick setup.



Detecting this danger is the task of VCsecurity, a division of VisiConsult, a worldwide leading specialist for industrial X-ray technology. VCsecurity provides portable X-ray devices for several security organizations, including law enforcement agencies, the military, secret services, and other security authorities. With versatile, durable hardware, and full robot integration, VCsecurity's solutions are trusted and reliable working resources, offering their customers the range of S15AB, S14I and Z14I laptops, as well as R11 and U11I tablets.

This way, they can provide their customers with exactly the right device, significantly simplify procurement, production and delivery, and reduce the setup time by about 15 percent.

# S15AB KEEPS CHICAGO COMMUTER RAIL SYSTEM ON TRACK

CUSTOMER	CHALLENGE	SOLUTION
Metra	With trains running nearly 24/7, Metra digital devices are subjected to intensive environments.	In 2016, Metra made its first Durabook purchase, the S15AB rugged laptop. Over the intervening years, the units have continually proved themselves and have been very reliable.



Railroading is a testing-intensive environment. With trains running nearly 24/7, Metra digital devices are subjected to heavy vibrations, extreme temperatures, and weather conditions that range from bright sun to rain, snow, ice, wind (it is the Windy city!), and stifling humidity. Despite all of that, it demands devices that hold up and can keep rolling along.

## RESULT

The fact that Metra comes back for additional units or upgrades speaks volumes for its belief in the S15AB. That, coupled with what it refers to as Durabook's super-fast, super-friendly, super-responsive customer service, helps assure Chicago commuters that the details behind their daily rides are in capable hands. It will also be upgrading select executives & managers to the U11 tablet.



# DURABOOK S14I & S15AB LAPTOPS KEEPING SANTA CLARA COUNTY'S BUS & LIGHT RAIL SERVICES MOVING

## THE CHALLENGE

Due to the fact they perform their jobs outdoors, often in environmentally challenging situations, VTA has been supplying its supervisors, mechanics, and repair technicians with rugged computers for many years. The Authority also found that this class of computer was best suited for greasy environments, being dropped, and the general everyday abuse expected from busy working on heavy-duty bus engines.



## A BETTER, MORE ECONOMICAL SOLUTION

Roughly eight years ago, the VTA maintenance team found a new solution: Durabook. And Durabook rugged computers could perform needed diagnostics on the buses as well. Because of where and how they were being used along with the beating they were taking - and easily handling, VTA management took notice of the new units. Since that time, its mechanics have predominately used the Durabook S14I laptop, the most rugged computer in class.

VTA also uses the S15AB units in non-revenue vehicles, which allow personnel to move around, track vehicles, communicate with vehicles, and talk to the Authority's computer-aided dispatching system as well as work with VTA applications and VTA resources. It also uses another dozen or so units for field supervisors and field technicians.

## THE RESULT

As they say, the proof is in the pudding. After nearly a decade of using the Durabook rugged computers the VTA is so satisfied that they are upgrading to the new generation of the S14I for their maintenance department. Besides product reliability and dependability, VTA also finds great value in Durabook service and customer support.

# PERFECT SOLUTION FOR POLISH PUBLIC TRANSPORTATION

## CHALLENGE

MZA staff experienced numerous failures with their previous mobile devices. MZA wants to invest in reliable technology that offers the flexibility and efficiency needed for their inspectors to carry out bus inspections and maintenance, complete daily reporting of diagnostics and vehicle performance.

## SOLUTION

The S15AB semi-rugged laptop is the perfect solution for these types of scenario. The ultra-thin, lightweight device offers unparalleled mobility and durability, powerful performance and a familiar user experience - even compared to commercial laptops.



“It quickly became clear that our commercial computers couldn’t cope with our demands - we needed a superior solution that not only could deliver power and efficiency, but that would be more robust and reliable to withstand the challenging field environments our workers face each day.”



Ryszard Skarżycki,  
IT Manager at MZA



“Our engineers dealing with bus maintenance now have a reliable, robust and ‘always-on’ device for reporting and accessing key data at the touch of a button. The implementation of a fleet of rugged devices from Durabook has led to a boost in productivity, reduced overhead costs and quality of service to the busses”

# R11 BOOSTS LOGISTICS EFFICIENCIES IN FRANCE, BRINGING COFFEE TO YOUR TABLE



CUSTOMER	CHALLENGE	SOLUTION
Malongo, Mediterranean coffee manufacturer	The company operates its own team of sellers, delivery drivers and fleet of trucks and need devices that need to be powerful, have bigger displays, be easy to carry and mount in the trucks and be able to withstand the tough conditions thrown at them.	Rexel worked with CDK Distribution, the official distributor of Durabook in France to recommend the DURABOOK R11 rugged laptop.



## THE BENEFITS

Today, more than 80 staff use the Durabook R11 in their fleet of delivery trucks across France, enabling them to effectively manage their routes, fleets, inventory and more. The tablets have been in use at the company for over a year now, and no one has encountered any problems, including breakdowns and failures. The team has gained efficiencies, too. Not only is the tablet more comfortable to work with - extremely portable and easy to dock and undock from the vehicle - but it is faster and more responsive to staff needs as they go about their daily tasks.

“The R11 is well designed, it includes quality components, is compact and lightweight - all at a very competitive cost. Durabook has delivered complete satisfaction and the tablet meets 100% of our needs.”

Mr. R at Malongo

# RUGGED LAPTOPS SUPPORT RENEWABLE ENERGY SECTOR

## CUSTOMER

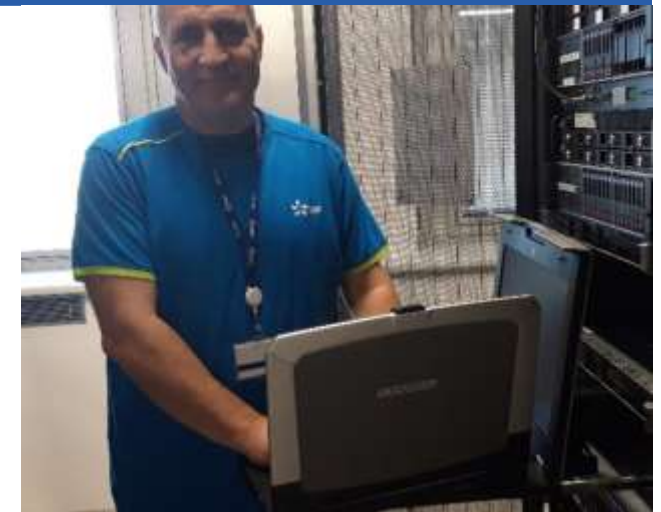
EDF Hydraulic Engineering Centre

## CHALLENGE

Devices would need to be fit for a range of purposes and environments, be reliable, robust and powerful enough to cope with a multitude of tasks while being tough enough to withstand shocks, drops and vibrations.

## SOLUTION

The **Durabook** S15AB semi-rugged laptop, one of the company's most demanded devices, was recommended.



## THE RESULT

Mr. B at EDF said of the project "The S15AB suits our agents perfectly; everyone is very happy with the performance, speed and reliability of their computers. So far, there have been no outages, despite very heavy use in often challenging environments. Because the computers and the operating system are the same for all our agents, the estate is very easy to manage."



# PURPOSE-BUILT U11I FOR GLOBAL SURVEY



## CUSTOMER

Global Survey

## CHALLENGE

A large format rugged tablet needed to produce visibility rendered with GPR technology, for safe underground construction work.

## SOLUTION

Durabook U11I purpose-built with ruggedness and connectivity for outdoor conditions that survey work is undertaken in, and is powerful enough to run 3D mapping software.



“Checking below the surface for any hazards before you dig is imperative for making sure the construction is safe before breaking the surface.”

Campbell McNair,  
Global Survey's detection specialist

“We particularly liked that the display automatically adjusts to surrounding light, this makes it easier for users to work outdoors in bright sunlight conditions.”

# ADVANCED SOLUTION FOR QUANTIFYING FUGITIVE GAS EMISSIONS

## CUSTOMER

Teledyne FLIR

## CHALLENGE

After the qOGI technology had been on the market for a few years, collaborative technology partners, Providence Photonics and Teledyne FLIR, wanted the ability to offer customers a total system solution that would be a significant leap ahead of the first-generation technology.

## SOLUTION

Providence Photonics identified that the Dura-book R11 fully rugged tablet would perfectly fit the needs of Teledyne FLIR's customers around the world, making the R11 the backbone of their next generation qOGI system, which would be designated the FLIR QL320.

“Durabook’s exceptional pre-sale engineering and post-sale support and service added up to a win-win partnership for Teledyne FLIR since any downtime our customers’ experience would negatively impact their productivity. It is vital they have issues resolved as quickly as possible so they can return the units to the field,”

Craig O’Neill,  
Global Business Development  
Director of Optical Gas  
Imaging for Teledyne FLIR

The collaborative partnership between Durabook, Providence Photonics, and Teledyne FLIR has led to a powerful and advanced product providing an important solution to the oil and gas industry, quantifying emissions from leaking components. In addition, this unique technology allows operators to ensure safer inspections than ever before by providing a way to measure gas emissions from distances where the user is outside of the gas plume.



# YOKOGAWA USING U11 TABLETS IN HAZARDOUS AREAS

CUSTOMER	CHALLENGE	SOLUTION
Yokogawa Electric Corporation, USA	A rugged mobile computing solution that was certified to safely operate in hazardous areas.	Yokogawa selected the Durabook U11 fully rugged tablet due to its rugged design and hazardous area approvals.



*“Yokogawa selected the Durabook U11 fully rugged tablet due to its rugged design and hazardous area approvals.”*

## THE RESULT

Running Yokogawa’s FieldMate software, the Durabook U11 tablet provides technicians and field service personnel the platform they require to configure, commission, and troubleshoot field instrumentation in a variety of situations. Yokogawa’s technicians are able to offer a higher level of service to customers by rapidly programming and calibrating analyzers and instruments in their manufacturing and repair centers. In the field, the U11’s rugged design and hazardous area rating ensure safety for both the devices and their users.

# R8 TABLET FORMS THE CORE FOR EDDY CURRENT TESTING

CUSTOMER	CHALLENGE	SOLUTION
FOERSTER	FOERSTER develops devices for mobile eddy current testing. This requires the use of robust, temperature-resistant tablets with high performance.	The Durabook R8 rugged tablet offers the ideal hardware for FOERSTER with IP66 certification, an operating temperature range of -20°C to 60°C and a compact design.

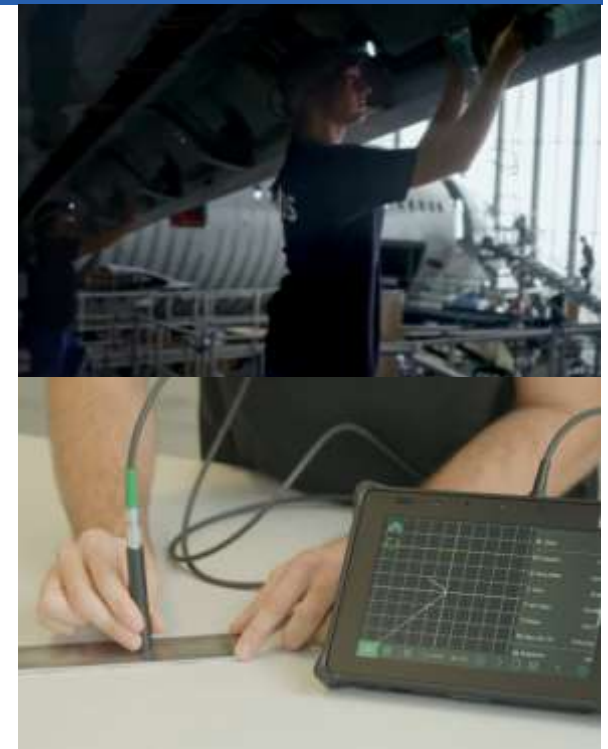
“With the Durabook R8 we have found the ideal basis for our TCM platform. As far as we know, no other 8-inch tablet can perform so well even in extreme temperatures. Thanks to the Durabook R8 in conjunction with our hardware and software adapted to the tablet, we can offer our customers a completely reliable testing system that can withstand extreme conditions and is still light and handy.”

Manfred Maskos,  
Product Manager  
at FOERSTER



The TCM device platform for non-destructive material testing was developed by FOERSTER for mobile use during maintenance work in various areas. For example, it can help to guarantee safe operation in aviation, rail transport or the energy sector. Due to the different fields of application, the hardware must also be ready for use under different environmental conditions: whether in closed rooms or in open areas; in rain, snow and temperatures below freezing as well as in dusty environments with direct sunlight and strong heat.

FOERSTER needed a tablet in handy form factor to guarantee maximum mobility and with enough power to process incoming data streams and use software solutions for various frequency procedures.



# TECHNICAL EXCELLENCE FOR RADIOGRAPHY SPECIALIST

CUSTOMER	CHALLENGE	SOLUTION
TWN Technology	TWN Technology's hardware needs to be robust, reliable and able to withstand the many environmental challenges facing engineers working in both land and offshore field conditions.	The Durabook U11I rugged tablet



Some key outcomes have been that, by using Durabook U11I devices, the average time to inspect a part has been reduced by 10-15 seconds, and over the course of a whole day, the time savings can be up to an hour, which in turn is critical for non-destructive testing engineers. When working in the field the devices also showed themselves at the highest level, not giving out any critical errors when working both in rain and heat. The tablets also proved to be at their best during normal routine work in the office. A comfortable and responsive touch screen, excellent color rendering and screen brightness, numerous connection ports and a comfortable keyboard for work and printing have improved daily operations.

# S14I TOUGH ENOUGH FOR FORD NEW ZEALAND

## CUSTOMER

Ford Dealers  
New Zealand

## CHALLENGE

A large format rugged laptop ideal for car mechanics to run diagnostic software to service modern 'rolling computer' cars

## SOLUTION

Durabook S14I with its 14" screen is easy to use for data entry, analysing multiple diagnostic data, and tough enough for use in the workshops



S14I Laptop

**"It's definitely faster than what we had before and the 14-inch screen makes it a lot easier to read the graphs and diagnostic data. It can take the knocks and bumps of a busy workshop and the keyboard is a really good size for quick data entry."**

Chris Simms,  
Foreman at Bay Ford Hastings



**"Our service bays are pretty clean, but it's impossible to completely avoid dirty hands on the touchscreen. A conventional tablet or laptop just didn't cut the mustard for our environment."**

Tung Kung,  
Field Service Engineer Ford NZ

# NEXT-LEVEL EFFICIENCY IN MANUFACTURING WITH INTEGRATED RTLS

## CUSTOMER

Ubisense

## CHALLENGE

German tier-1 OEMs rely on real-time visibility to manage high-volume, fast-paced automotive production. Traditional tracking methods such as barcodes and RFID often fall short in accuracy and reliability, especially in complex, metal-rich environments.

## SOLUTION

The integrated Durabook U111 tablet with Ubisense UWB technology delivers a rugged, mobile, and precise RTLS solution tailored for the demands of modern automotive manufacturing.



## RESULTS

The integrated solution has significantly improved efficiency and reliability across automotive production lines. By combining real-time location tracking and computing in a single device, the solution simplifies workflows and reduces the time spent searching for tools, equipment, and vehicles. Operators can complete tasks more quickly, while maintenance teams respond faster to issues, minimizing downtime.



Real-time visibility also drives process optimization. Teams can track work-in-progress, verify task completion by location, and adapt quickly to changing production needs. This precision enhances coordination and reduces bottlenecks.

In addition, the RTLS-enabled platform helps lower operational costs. It reduces losses from misplaced assets, cuts unnecessary delays, and supports leaner staffing and maintenance strategies. Together, these benefits deliver a measurable return on investment in high-volume manufacturing environments.



# HELPING AE TOOLS KEEP AMERICA'S DRIVERS ON THE ROAD

CUSTOMER	CHALLENGE	SOLUTION
AE Tools & Computers	The challenge shops face is to be able to run numerous software diagnostic programs without having to make a heavy investment in separate computers for each OEM.	Several different Durabook rugged computer models have provided AE Tools with the perfect solution, the most recent being its S14I rugged laptop.

To be successful and remain competitive, independent automotive repair shops must have the tools and knowledge to work on a number of different makes and models of vehicles. While OEMs provide them with software that walks them through how to properly diagnose and repair these vehicles, many times, the software from one OEM conflicts with another OEM's, and the two will not operate together on the same hard drive. The challenge these shops face is to be able to run numerous software diagnostic programs without having to make a heavy investment in separate computers for each OEM.

Over 15 years ago, AE Tools & Computers turned to Durabook Americas for assistance in coming up with a cost-effective way to overcome this problem. When AE Tool raised their engineering need to Durabook, Durabook listened and has always answered the call.



# USING DURABOOK RUGGED LAPTOPS FOR OVER 14 YEARS

CUSTOMER	CHALLENGE	SOLUTION
Coral Reef Research Foundation (CRRF)	CRRF required a rugged mobile computing solution that could handle the unique challenges of an ocean-based research foundation: heat, sea air, saltwater, humidity and rough seas.	Over the past 15 years, the team at Durabook has continued to work with CRRF to customize new rugged laptops to meet their unique and evolving needs.

## THE RESULT

The Durabook rugged laptop computers have exceeded all of the performance and durability expectations that the CRRF had for their use. The CRRF team is still using the first Durabook N15 that they purchased back in 2006 – over 14 years later. And even the D15TS that was damaged in a fire still works. Durabook has continued to customize its laptops and ship new systems to the CRRF that meet the foundation’s changing needs.

The Durabook rugged laptops have enabled the CRRF to further their mission of monitoring and acquiring the knowledge needed to understand and make intelligent decisions related to conservation, climate change, and resource management.



# HOW OUR EXPERIENCE HELPS



*“Our customers have been thrilled with the performance and reliability of the laptop, and we feel DURABOOK has been the ideal partner for our business.”*

*— Mike Norris,  
director of technology,  
AE Tools & Computers*



*“The difference our products make in the day-to-day operations of our customer’s and our own business is all the proof we need that DURABOOK products deliver a real return on investment.”*

*— Tom Wang,  
C.O.O. Durabook Americas*



*“We had an unfortunate incident where one of our vehicles was totaled. The DURABOOK came through without a scratch. [...] That’s the type of device reliability law enforcement needs.”*

*— Rob Crow  
Chief Technician Grayson County*

# HOW OUR EXPERIENCE HELPS



*"The implementation of a fleet of rugged devices from Durabook has led to a boost in productivity, reduced overhead costs and quality of service to the busses."*

*— Ryszard Skarzycki,  
IT Manager at MZA*



*"I personally dropped my laptop at least 25 times from either falling off my desk (about a 4 ft. drop) or falling off of the seat of my transport vehicle while driving. Good thing I had Durabook with the shock absorber mounts on the hard drive."*

*— A military contractor and former member of the USAF and Army*

# RECOGNIZED FROM THE MEDIA

Source: PC Mag, March 2025

Home > Reviews > Laptops

## Durabook S15 Review

A bigger rugged laptop in size and space



By Charles Jefferies

March 12, 2024



(Credit: Joseph Maldonado)



4.0 Excellent

### THE BOTTOM LINE

Durabook's S15 rugged laptop is far more durable than the average notebook and provides almost everything workers need in the field, including a screen that's legible in direct sunlight.

Starts at \$1,699.00

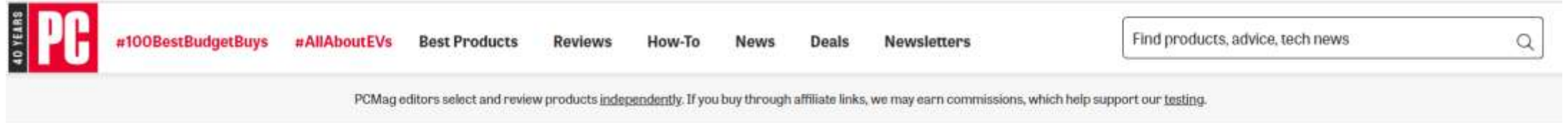
\$1,699.00 at Durabook

See It

PCMag editors select and review products independently. If you buy through affiliate links, we may earn commissions, which help support our testing.

# RECOGNIZED FROM THE MEDIA

Source: PC Mag, January 2023



Home > Best Products > Laptops

## The Best Rugged Laptops for 2023

Ordinary notebooks are 98-pound weaklings next to these drop-tested survivalists. Whether you're getting wet or getting your hands dirty, these rugged laptops stay productive in the worst environments. We tested to find the best.



By [Eric Grevstad](#)

Updated January 19, 2023



# RECOGNIZED FROM THE MEDIA

## EDITOR'S CHOICE PRODUCTS



### Rugged tablet with Intel CPU and 20-hour battery

The Durabook U11 rugged tablet comes with the 12th-gen Intel Alder Lake platform with Intel Core i7 and i5 processors. Durabook officials say with these enhancements, the U11 promises speeds as much as 225% faster than its predecessor. Designed specifically for extreme environments, the U11 meets mil-spec standards for water ingress, resistance to a six-foot drop, and temperature swings of between -4 °F to 140 °F. Its high-definition 11.6-inch display uses Durabook's DynaVue technology to ensure clear visibility, even in direct sunlight.

The inclusion of Thunderbolt 4, multiple USB ports, advanced wireless capabilities such as 5G, and specialized features like an RJ45 Ethernet port and nano SIM slot are intended to enhance the tablet's connectivity. Users can further customize with options like a barcode reader and RFID/NFC reader. The tablet's battery life is as long as 20 hours, making it useful for fields in which charging opportunities are few, such as on the battlefield.

Durabook | <https://www.durabook.com/>

Source: Military Embedded Systems, October 2023



Source: Military & Aerospace Electronics, October 2025

# QUALIFIED. APPROVED. TRUSTED.

## USA

State	Application	Product
CA	Fire Department	R11
IL	Transportation	S15
FL	Defense	Z14I
FL	Defense	U11I
PA	Energy	R8
GA	Police	U11I
OR	Oil & Gas	R11
KS	Automotive	S14I

## Europe

Country	Application	Product
UK	Fire Department	R11
UK	Defense	Z14I
France	Defense	R8
France	Utility	S15
Germany	Automotive	S14I
Germany	Construction	R8
Italy	Defense	Z14I
Netherlands	Ambulance/EMS	R8
Poland	Transportation	S15
Spain	Manufacturing	S14I

## Asia

Country	Application	Product
Taiwan	Defense	R8
India	Defense	Z14I
India	Utility	S15
Vietnam	Defense	Z14I
Philippines	Utility	U11I
Indonesia	Utility	S14I
Singapore	Manufacturing	S14I
Singapore	Oil & Gas	U11I

## ROW

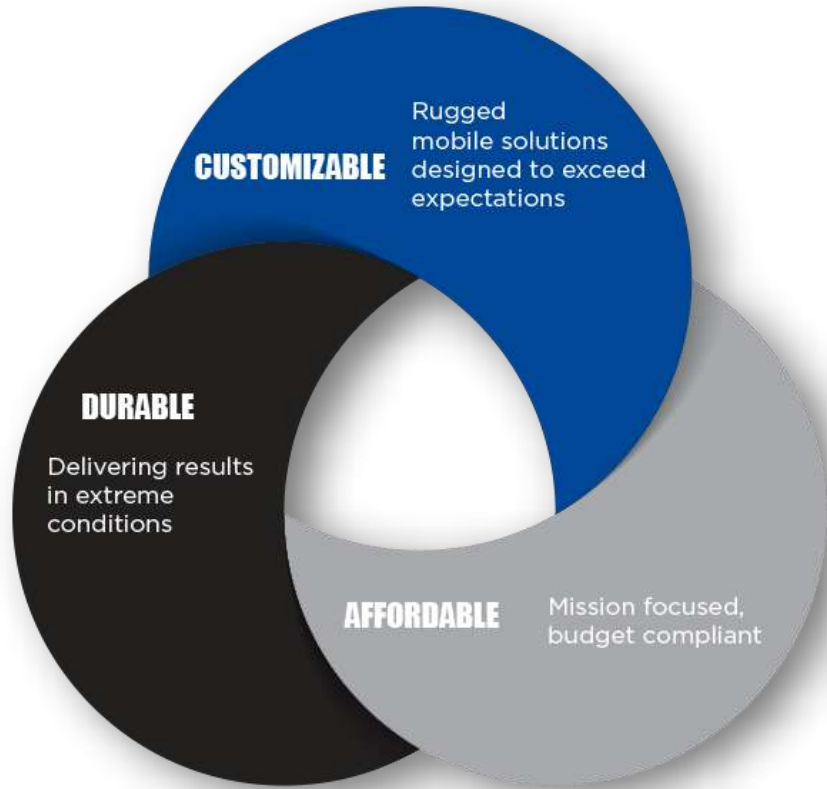
Country	Application	Product
Mexico	Manufacturing	R8
New Zealand	Utility	U11I
Kazakhstan	Police	R11
Ukraine	Defense	Z14I

## Middle East & Africa

Country	Application	Product
Israel	Automotive	S14I
Turkey	Utility	R11
Rwanda	Police	U11I
UAE	Oil & Gas	Z14I

Limited layout, only lists important ones.

# WHY CHOOSE DURABOOK



**WE ARE RUGGED MOBILE**  
Where the, durable, affordable, and customizable converge.

At DURABOOK, delivering mission-specialized technology solutions is our top priority. We collaborate with you, incorporating your feedback to bring innovative solutions to market. Superior rugged products and value are just a few reasons our clients choose us.



**Partnership**  
Success is based on both parties achievements



**Customization**  
Legacy I/O ports, PCMCIA, customization

Prepared  
for  
the Unexpected

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