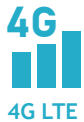


NAS Series 

NAS1568



15.6" Rugged AI Notebook



- 15.6 inch Windows System with Intel® Core™ Ultra 7 processor 155H
- New integrated NPU for dedicated AI Acceleration
- Durable Design for All environment Use
- Dual Capacity Hot Swap Battery Design
- 1,000 nits High Brightness Sunlight Readable
- High-speed Thunderbolt 4 Interface
- Advanced wireless solution support 4G/LTE, WiFi 6, BT 5.1 and GNSS



Instrument
Testing



Industrial Operating
System



Logistics
Operation



Warehouse
Optimization



Inventory
Checking

Specification

NAS1568

Display

| | |
|--------------|--|
| Display Type | 15.6-inch TFT LCD |
| Resolution | 1920x1080 |
| Brightness | 1000 nits |
| Touch Panel | 10-Point Capacitive Screen, Hardness above 7H; Scratch-resistant; Supports glove touch |

System

| | |
|------------------|--|
| CPU | Intel® Core™ Ultra 7 Processor 155H 24M Cache, up to 4.80 GHz |
| GPU | iGfx/dGfx (Intel Xe LPG Graphics) |
| Memory | 16GB DDR5 (Default), 32GB (Optional) |
| Storage | 256GB M.2 SSD |
| SSD | 1 x M.2 2280 M-Key SSD (Expansion Slot) (Optional) |
| Operating System | Windows 11/10 IoT |
| Security | TPM2.0 |
| I/O Ports | 3 x USB Type-A (1 x USB3.2, 1 x USB3.0, 1 x USB2.0) 1 x USB Type-C (Support Thunderbolt 4) 1 x Φ3.5mm standard earphone jack 1 x HDMI 2.0a Mini 1 x SIM card 1 x TF card 1 x RJ45 10M/100M/1000M self-adaptive 1 x RJ45 10M/100M/1000M self-adaptive (USB2.0), supports Gigabit Ethernet protocol 1 x RS232 1 x DC19V/3.78A Φ5.5mm power interface 1 x 12PIN Pogo Pin (USB & Charging) 1 x Anti-theft Lock Slot 1 x Right-side Cooling Vent 1 x M.2 E-KEY interface for custom modules. |
| WiFi | Wi-Fi 6 |
| 4G/5G | 4G (M.2 interface) LTE-FDD: B1/3/5/7/8/20/28, LTE-TDD: B38/40/41 ; 5G (Optional) |
| Bluetooth | BT5.1 (BLE) class 1; Transmission Distance: 10m |
| GPS | Supports single GPS or single glonass, default GPS |
| Data Collection | Fingerprint Module NFC Module |

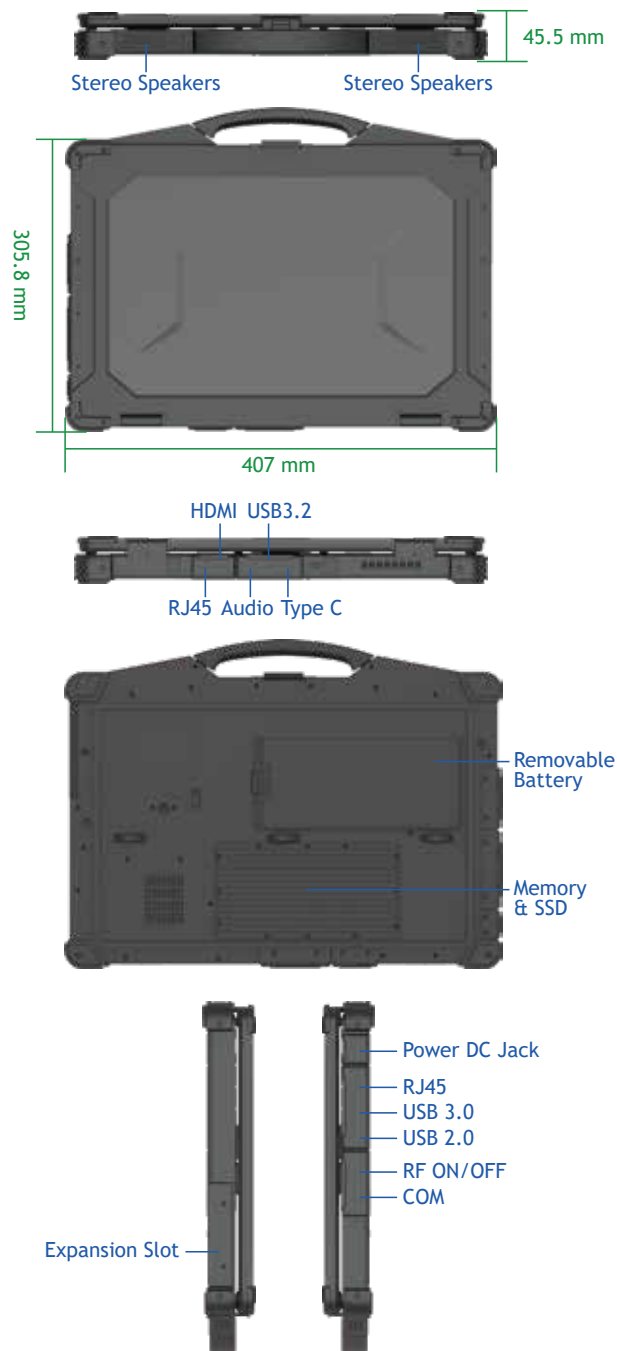
Physical

| | |
|---------------------|---|
| Material | ABS+PC |
| Camera | Front 5.0MP |
| Speaker | 2 x Built in 4Ω/3W |
| Microphone | 1 x Internal MIC |
| Keyboard | US Layout Keyboard with Backlight |
| Color | Black |
| Dimension (WxHxD) | 407 x 305.8 x 45.5mm |
| Weight | 3530g |
| Buttons | 1 x Power Button 1 x P Key (one-click screen off/on) 1 x F (toggle switch, enable/disable wireless functions) 1 x Camera Constant white light when active, light off when inactive. |
| Indicator Light | 1 x Power Constant blue light when power on, light off when off. 1 x Battery (Dual-color red/green) Red when charging, green when fully charged, blinking red for low battery, light off during discharge. 1 x Caps Lock Key Red light on indicates caps lock on, off indicates caps lock off. 1 x Airplane Mode Red light on indicates airplane mode on, off indicates airplane mode off. |
| Battery (Built-in) | Built-in Polymer Lithium-ion Battery, Non-removable 1300mah/11.1V (14.4WH) 1.5hrs (Default 50% volume, 200 lumens brightness, playing 1080P HD video) |
| Battery (Removable) | Removable Polymer Lithium-ion Battery, Hot-swappable 4850mah/11.55V (56WH) 8hrs (Playing 1080P HD video, Conditions: System in balance mode, 30% brightness, 320 lumens, 30% volume (70 dB at 10cm), WiFi and Bluetooth turned off.) |
| Power Adapter | DC input 100-240VAC0.5A50/60Hz DC19V/3.78A 71.82W |
| Standard Accessory | 1 x DC19V / 3.78A adapter |
| Box Dimension | 486 x 331.5 x 77mm |
| Box Weight | TBD |

Environment

| | |
|-----------------------|---|
| IP Rating | IP65 |
| Drop Test | 1.22m drop resistance |
| Certification | CE, UN3803, Optional FCC, CCC, MIL-STD-810H |
| Operating Temperature | -20 °C to 60 °C |
| Storage Temperature | -30 °C to 70 °C |
| Relative Humidity | 95% Non-Condensing |
| Warranty | 2 Years |

Overview



Optional Accessory

