



Z14I Laptop

As Strong As It Gets. Boundless Customization.

- 14.0" FHD DynaVue® SR display with 1000 nits
- 11th Generation Intel® Core™ Processor
- Extreme rugged certified for salt fog & fungus resistance
- Up to 25 hrs. with 2nd battery
- Fanless design with tremendous I/O options
- Standard backlit keyboard & multimedia bay options



DURABILITY	<ul style="list-style-type: none"> • MIL-STD 810H certified (Drop, Shock, Vibration, Rain, Dust, Altitude, Freeze/Thaw, High/Low Temperature, Temperature Shock, Humidity, Explosive Atmosphere, Solar Radiation, Salt Fog, Fungus Resistance) • MIL-STD 461G certified (Conduction, Radiation, Conducted Susceptibility, Radiated Susceptibility) • ANSI/ISA 12.12.01-2000, Class I, Division 2 • 6' drop 26 faces • IP 65 certified • Aluminum-magnesium alloy chassis • Port covers • Removable quick-release battery and storage drive • Sunlight readable display • Optional swappable battery technology
-------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

OPERATING SYSTEM	Windows® 10 Pro 64-bit
-------------------------	------------------------

PROCESSORS	<ul style="list-style-type: none"> • Intel® Core™ i7-1185G7 vPro™ (11th Gen) 3.0GHz processor with Turbo Boost Technology up to 4.8GHz, 12MB cache • Intel® Core™ i7-1165G7 (11th Gen) 2.8GHz processor with Turbo Boost Technology up to 4.7GHz, 12MB cache • Intel® Core™ i5-1145G7 vPro™ (11th Gen) 2.6GHz processor with Turbo Boost Technology up to 4.4GHz, 8MB cache • Intel® Core™ i5-1135G7 (11th Gen) 2.4GHz processor with Turbo Boost Technology up to 4.2GHz, 8MB cache
-------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

GRAPHICS	Intel® Iris® Xe Graphics Optional NVIDIA® GEFORCE GTX 1050 ¹
-----------------	----------------------------------------------------------------------------

MEMORY	2 slots 8GB up to 64GB (3200MHz DDR4)
---------------	---------------------------------------

STORAGE	Main: 256GB/512GB/1TB NVME PCIE SSD <ul style="list-style-type: none"> • Optional 256GB/512GB/1TB SATA SSD • Optional OPAL 2.0 SSD • Optional 2nd/3rd storage (SATA SSD)¹
----------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DISPLAY	14.0" FHD (1920 x 1080) <ul style="list-style-type: none"> • 1000 nits DynaVue® sunlight readable display with capacitive multi-touch screen • User selectable touch mode for Finger/Water, Glove, or Stylus programmable function
----------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

AUDIO	<ul style="list-style-type: none"> • Integrated microphone • Intel® High Definition Audio Compliant • Integrated speaker x 2 • Keyboard volume and mute controls
--------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

CAMERA	<ul style="list-style-type: none"> • Integrated 2.0 MP web-cam with shutter design • Optional IR camera for Windows Hello¹
---------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------

KEYBOARD & INPUT	2 user-definable keys (P1/P2) <ul style="list-style-type: none"> • RF signal slide-switch • Standard membrane keyboard with LED backlight
-----------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------

COMMUNICATIONS	<ul style="list-style-type: none"> • Integrated 10/100/1000 Ethernet • Intel® Wi-Fi 6 AX201 (802.11 ax) • Bluetooth® V5.2 • Optional dedicated GPS module (UBLOX-NEO-M8N) • Optional 4G LTE multi-carrier mobile broadband • Optional RF antenna pass-through for GPS, WWAN, and WLAN
-----------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SECURITY	<ul style="list-style-type: none"> • Intel® vPro™ Technology (per CPU options) • TPM 2.0 • NIST BIOS compliant • Easy removable SSD • Smart card reader • Stealth mode • Night vision mode • Kensington lock • Optional fingerprint scanner • Optional HF/LF RFID reader¹ • Optional Windows Hello¹
-----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

I/O INTERFACES	<ul style="list-style-type: none"> • Thunderbolt 4 (type C) x 1 • USB 3.2 Gen2 (type C) x 1 (support DP) • USB 3.2 Gen2 (type A) x 1 • USB 3.2 Gen1 (type A) x 1 • USB 2.0 (type A) x 1 • Audio in/out (combo jack) x 1 • microSD card (microSDXC) x 1 • 10/100/1000 Ethernet (RJ45) x 2 • VGA port (D-sub, 15-pin) x 1 • HDMI port (type A) x 1 • Serial port (RS232 : D-sub, 9-pin) x 2⁵ • Docking connector (41-pin Pogo) x 1 • SIM card x 1 • Smart card reader x 1 • DC-In jack x 1 • ExpressCard 54 x1 (default) or PCMCIA Type II x1 • Optional RF antenna pass-through for GPS, WWAN, and WLAN
-----------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

MEDIA BAY (One Option Only)	<ul style="list-style-type: none"> • Optional DVD super multi • Optional 2nd battery • Optional SATA SSD
------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

EXPANSION BOX	<ul style="list-style-type: none"> • Optional PCI-Express 3.0 (2 slots)^{1, 6} • Optional discrete VGA^{1, 6} • Optional storage extension with RAID 0/1/5/10^{1, 6} • Optional military-grade connectors¹
----------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

POWER	AC adapter : 100-240V, 50Hz-60Hz, 90W <ul style="list-style-type: none"> • Optional AC adapter (100-240V, 50Hz-60Hz, 120W), with NVIDIA® VGA Main battery Li-Ion, 10.8V, 7800mAh, 16 hours ² <ul style="list-style-type: none"> • Optional 2nd battery Li-Ion 10.8V, 4700mAh, 9 hours² • Optional bridge battery : 5 minutes swap time³
--------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ENVIRONMENT	<ul style="list-style-type: none"> • Temperature Operating : - 20°C ~ 60°C / - 4°F ~ 140°F Storage : -51°C ~ 71°C / -60°F ~ 160°F • Humidity : 5% ~ 95%
--------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DIMENSION & WEIGHT	<ul style="list-style-type: none"> • 14.02" (L) x 11.02" (W) x 1.97" (H)⁴ • 7.93 lbs⁴
-------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

WARRANTY	3-year Accidental Damage Warranty
-----------------	-----------------------------------

1. Contact your sales representative for feature availability
2. Tested using the MobileMark 2014 battery life benchmark. Results may vary under different situations including hardware configuration, software, operating conditions, power management settings and other factors.
3. The system will stay operating within 300 seconds when user swaps the battery.
4. Weight and dimension vary with options.
5. One serial port supports RS422/RS485.
6. Mutually exclusive options.

Glacier Computer
603.882.1560 Ext. 6
sales@glaciercomputer.com
www.glaciercomputer.com