



PNWRugged Systems

Your premier rugged solutions provider!



S15 Laptop

Thinnest and Lightest in Its Class

- 15.6" FHD DynaVue® SR display with 1000 nits
- 12th Generation Intel® Core™ Processor
- Intel® Wi-Fi 6E AX211 & Bluetooth® V5.3
- GPS and 5G/4G LTE WWAN
- Optional built-in smart card reader
- Support RAID 0 and RAID 1



DURABILITY	<ul style="list-style-type: none"> • MIL-STD 810H certified (Drop, Shock, Vibration, Dust, Altitude, High/Low Temperature, Humidity) • 4' drop 26 faces • IP 5X certified • Aluminum-magnesium alloy chassis • Port covers • Removable quick-release battery • Optional sunlight readable display • Optional swappable battery technology 	SECURITY	<ul style="list-style-type: none"> • Intel® vPro™ Technology • Secured-Core PC¹ • TPM 2.0 • NIST BIOS compliant • Stealth mode • Kensington lock • Optional smart card reader • Optional Windows Hello¹ • Optional fingerprint scanner • Optional night vision mode² • Optional LF/HF-RFID (NFC) reader
OPERATING SYSTEM	Windows® 11 Pro 64-bit	I/O INTERFACES	<ul style="list-style-type: none"> • Thunderbolt 4 x 1 • USB 3.2 Gen2 (type A) x 2 • USB 3.2 Gen2 (type C) x 1 (support DP) • Audio in/out (combo jack) x 1 • microSD card (microSDXC) x 1 • 10/100/1000 Ethernet (RJ45) x 1 • VGA port (D-sub, 15-pin) x 1 • HDMI port (type A) x 1 • Serial port (RS232, RS422 and RS485 : D-sub, 9-pin) x 1 • Nano SIM card x 1 • DC-In jack x 1 • Optional docking connector (41-pin Pogo) x 1 • Optional smart card reader x 1 • Optional RF antenna pass-through for GPS, WWAN and WLAN
PROCESSORS	<ul style="list-style-type: none"> • Intel® Core™ i7-1255U (12th Gen) Processor with vPro™ (12MB Cache, up to 4.7 GHz, 2P+8E cores) • Intel® Core™ i5-1235U (12th Gen) Processor with vPro™ (12MB Cache, up to 4.4 GHz, 2P+8E cores) 	MEDIA BAY (One Option Only)	<ul style="list-style-type: none"> • Optional DVD super multi • Optional 3rd SSD¹ • Optional ExpressCard 54^{1,3}
GRAPHICS	<ul style="list-style-type: none"> • Intel® Iris® Xe Graphics¹ • Optional NVIDIA® Quadro T1000¹ 	EXPANSION BOX	<ul style="list-style-type: none"> • Optional discrete VGA¹ • Optional 2nd RJ45 x 1 + 2nd RS232 x 1^{1,3}
MEMORY	2 slots 8GB up to 64 GB (4800MHz DDR5)	POWER	<p>AC adapter : 100-240V, 50Hz-60Hz, 90W</p> <ul style="list-style-type: none"> • Optional AC adapter (100-240V, 50Hz-60Hz, 120W), with NVIDIA® VGA <p>Main battery Li-Ion, 7.4V, 7600mAh, 12 hours⁴</p> <ul style="list-style-type: none"> • Optional bridge battery : 5 minutes swap time⁵
STORAGE	<p>256GB NVMe PCIe SSD</p> <ul style="list-style-type: none"> • Optional 512GB/1TB/2TB PCIe SSD • Optional 2nd storage M.2 SATA or NVMe PCIe SSD¹ • Optional 3rd storage M.2 SATA SSD¹ 	ENVIRONMENT	<ul style="list-style-type: none"> • Temperature <ul style="list-style-type: none"> Operating : - 20°C ~ 60°C / - 4°F ~ 140°F Storage : -51°C ~ 71°C / -60°F ~ 160°F • Humidity : 5% ~ 95%
DISPLAY	<p>15.6" FHD (1920 x1080)</p> <ul style="list-style-type: none"> • Optional 1000 nits DynaVue® sunlight readable display 	DIMENSION & WEIGHT	<ul style="list-style-type: none"> • 375 mm (L) x 273 mm (W) x 29.5 mm (H) • 2.6 kg
AUDIO	<ul style="list-style-type: none"> • Integrated microphone • Intel® High Definition Audio Compliant • Integrated speaker x 2 • Keyboard volume and mute controls 	WARRANTY	3-year limited warranty standard
CAMERA	<ul style="list-style-type: none"> • Optional integrated 2.0 MP web-cam • Optional 5MP IR camera for Windows Hello¹ 	<ol style="list-style-type: none"> 1. Contact your sales representative for feature availability. 2. Night vision mode is available only for sunlight readable display. 3. ExpressCard 54 and expansion module (RJ45 & RS232) are mutually exclusive. 4. 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. 5. The system will stay operating (within 300 seconds in standby mode) when user swaps the battery. 	
KEYBOARD & INPUT	<p>2 user-definable keys (P1/P2)</p> <p>Standard membrane keyboard with numeric keypad and optional LED backlight</p>		
COMMUNICATIONS	<ul style="list-style-type: none"> • Integrated 10/100/1000 Ethernet • Intel® Wi-Fi 6E AX211 (802.11ax) • Bluetooth® V5.3 • Optional GPS and 4G LTE multi-carrier mobile broadband • Optional 5G¹ • Optional RF antenna pass-through for GPS, WWAN and WLAN 		

