



SA14

Ideal® All-Purpose 14" Semi-Rugged Laptop

The SA14 is a Semi-Rugged Laptop with great versatility. It is perfectly designed for ALL Mobile Professionals who need a tough and durable laptop. The superior display functions of sunlight readable and night vision mode can adapt it to any illuminant. With a 14" HD LED display, Windows® 10 and Intel® 6th Generation Skylake-U CPU, it performs as a workstation and offers completed connectivity; SA14 represents an excellent value of full-function Semi-Rugged Laptop.

Advanced Display

SA14 is equipped with 14 inch TFT LCD (1366 x 768) with Anti-Glare Coating Glass to bring exceptional visual performance. With enhanced 500 nits brightness, SA14 provides excellent Sunlight Readable LCD display even under direct sunlight. Night Vision Mode is standard with Sunlight Readable LCD. It complies with NVIS Type I Class A for brightness and chromaticity.

High Performance Graphics Processing Unit

SA14 offers Intel HD Graphics 520 or optional AMD MXM module with dedicated 2GB Graphics (either ODD or MXM)

Rugged Features

SA14 is IP53 and MIL-STD 810G certified. It is built with high quality of magnesium alloy that guarantees to perform. It works at 15,000 feet in the air, extremely temperature of -4°F to 122°F, storage in -40°F to 160°F, or 26 drops from 3 feet.

Backlit Keyboard

SA14 comes with optional waterproof backlit keyboard for ease of operation in low light condition.

Advanced Security

- ✔ Computrace® Ready
- ✔ Biometric Fingerprint Scanner
- ✔ TPM 2.0
- ✔ Intel® vPro™

LONG BATTERY LIFE

SA14 is designed with 9-cell battery. Optional hot-swappable second battery available

Stealth Mode

Stealth Mode is needed in special mission such as stakeout operation. With a quick button, it immediately turns off all sounds and emitting lights while all programs remain running in the background.

Specifications

Rugged Features	<ul style="list-style-type: none"> IP53¹ Drop MIL-STD 810G 516.6 Procedure IV, 26 drops from 3 feet height onto plywood over concrete Vibration MIL-STD 810G 514.6 AnnexC Cat.4, Fig 514.6C-1 ASTM D4169-08 Truck Transport, 11.5.2 Random test , Assurance Level II Magnesium Alloy Chassis 	Security	<ul style="list-style-type: none"> Smart Card Reader Computrace® Ready Intel® vPro² TPM 2.0 Fingerprint Scanner Kensington Lock
Environment	<ul style="list-style-type: none"> Temperature Operating : - 4°F ~ 140°F⁶ Storage : - 40°F ~ 160°F Humidity Operating : 5% ~ 95% Altitude Operating : 15,000 feet MIL-STD 810G 500.5 Procedure II Non Operating : 35,000 feet MIL-STD 810G 500.5 Procedure 	Keyboard	<ul style="list-style-type: none"> 86 US Keys with Windows Key Backlit Keyboard² Standard touchpad with 2 buttons
Operating System	<ul style="list-style-type: none"> Windows 10 Professional Windows 7 downgrade option² 	Expansion Slots	<ul style="list-style-type: none"> SD card reader slot (SDHC) Smart Card Reader PCMCIA Slot or Express Card 54^{2,5}
CPU	<ul style="list-style-type: none"> Intel® Skylake i5-6200U 3MB Cache 2.3GHz with 3.0GHz Turbo Intel® Skylake i5-6300U 3MB Cache 2.4GHz with 3.0GHz Turbo with vPro Intel® Skylake i7-6500U 4MB Cache 2.5GHz with 3.1GHz Turbo Intel® Skylake i7-6600U 4MB Cache 2.6GHz with 3.1GHz Turbo with vPro 	I/O Ports	<ul style="list-style-type: none"> One USB 3.0 connector One USB3.0 and eSATA combo connector Two USB 2.0 connectors Two RJ-45 One Headphone / Mic-in jack One 15 pin D-sub VGA out One 19 pin Type A HDMI One 9 pin D-sub RS232 serial port Dual RF Pass-thru connectors (WWAN/GPS) Docking Connector²
Memory	<ul style="list-style-type: none"> Two 204-pin DDR4 SODIMM sockets each for 8GB, 16GB, 32GB Max. 	Power	<ul style="list-style-type: none"> Primary 9 cells 7800 mAh Lithium-ion battery pack: 8.5 hrs³ 19V, 3.42A; 65W (90W for MXM unit)
Storage	<ul style="list-style-type: none"> 2.5" SATA HDD 500GB/1TB or SSD 128GB~1TB Exclusive HDD quick-release feature. 	Dimension & Weight	<ul style="list-style-type: none"> 13.46" (L) x 11.1" (W) x 1.85" (H) 7.48 lbs / 3.4 Kg³ (with 9-cell battery and 2.5" SATA HDD)
Multimedia Bay	<ul style="list-style-type: none"> Super Multi DVD-RW Drive 	Certifications	<ul style="list-style-type: none"> US: FCC, DOC+ FCC ID EU: CE
Display	<ul style="list-style-type: none"> 14.0" HD(1366 x 768) TFT LCD 500 nits brightness Touch Sunlight Readable panel² Night Vision Mode⁴ 	Green Design	<ul style="list-style-type: none"> RoHS/REACH compliant, EPEAT compliant
Graphic	<ul style="list-style-type: none"> Intel HD Graphics 520 or optional AMD MXM module with dedicated 2GB Graphics (either ODD or MXM) 	Accessories	<ul style="list-style-type: none"> Office Dock PMT Vehicle Dock PMT Vehicle Dock with Dual RF Pass-Thru(WWAN/GPS) Battery Charger
Audio	<ul style="list-style-type: none"> High Definition Audio Speaker x 1 Microphone Array 	Warranty	<ul style="list-style-type: none"> 3-Year DURABOOK Standard Limited Warranty
Webcam	<ul style="list-style-type: none"> 2.0 Mega-pixel Webcam 		
Communication	<ul style="list-style-type: none"> Integrated Gigabit Ethernet LAN, 2nd LAN available² Intel® Dual Band Wireless AC8260 (a/b/g/n/ac) Bluetooth 4.2 Gobi 5000 LTE² GPS²(UBLOX-NEO-M8N) 		

1. Pass all function test after performing IP53 testing with Talcum Powder for 8 hrs
2. Optional items
3. Actual weight may vary with different configurations
4. Available with Sunlight Readable Display
5. Mutually exclusive with Express Card 54 and PCMCIA
6. Tested with extended temperature grade SSD



Office Dock

