SA14S

Ideal® All-Purpose 14" Semi-Rugged Notebook PC

The SA14S is a Semi-Rugged Notebook of a great versatility. It is designed for utilization in a wide range of field that demand toughness and durability, be it field service, public safety on military. 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 complete connectivity; SA14S represents an excellent value of full-function Semi-Rugged PCs.

Rugged Features

SA14S 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 -20°C to +50°C, storage in -40°C to +71°C,or 26 drops from 3 feet.

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.

Backlit Keyboard

SA14S comes with optional waterproof backlit keyboard for ease of operation in low light condition.

Advanced Security

▽ Computrace® Ready
▽ Biometric Fingerprint Scanner
▽ TPM 2.0
▽ Quick Release HDD

Advanced Display

SA14S 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, SA14S 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.

Specifications

Rugged Features	IP53[1] 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 4169-08 Truck Transport, 11.5.2 Random test , Assurance Level II Magnesium Alloy Chassis	**Security**	■ Smart Card Reader ■ Computrace® Ready ■ Intel®vPro ■ TPM 2.0 ■ Fingerprint Scanner ■ Kensington Lock ■ Stealth Mode ■ Quick Release HDD

Environment	■ Temperature
	  Operating : - 20°C ~ 50°C
	  Storage : - 40°C ~ 71°C
	■ Humidity
	  Operating : 5% ~ 95%
	■ Altitude
	  Operating : 15,000 feet MIL-STD 810G 500.5 Procedure II
	  Non Operating : 40,000 feet MIL-STD 810G 500.5 Procedure I
		Keyboard & Buttons	■ Power ON / OFF button
			■ RF ON / OFF button
			■ Quick Setting Control button
			■ One Programmable button
			■ One Stealth or Night Vision Mode button
			■ Backlit Keyboard[2]

Operating System	■ Genuine Windows 10 Professional[2]	**Expansion Slots**	■ One SD card reader slot (SDHC) ■ One Smart Card Reader ■ One Express Card 54 slot[2,5]or PCMCIA type II
CPU	■ Intel® 6th Generation Skylake-U	**I/O Ports**	■ Two USB2.0 ■ One USB3.0 ■ One eSATA+USB3.0 Combo ■ One headphone jack ■ One microphone jack ■ One RJ-45 ■ Second RJ-45[2] ■ One RS232 port ■ One HDMI ■ One VGA ■ One DC-in ■ Docking connector ■ Two RF Pass-thru connectors for WWAN and GPS
Memory	■ Two DDRIIII sockets (Max.32GB)		
Storage	■ 2.5" SATA HDD or SSD		
Multimedia Bay	■ DVD Super Multi		
Display	■ 14.0" HD(1366 x 768) TFT LCD ■ Resistive Touch Panel[2] ■ Sunlight Readable 500 nits Display[2] ■ Night Vision Mode[4]		
Audio	■ Intel High Definition Audio ■ 1.5KHz Speaker x 1 / 90db ■ Microphone x 2 for Mic. Array	**Battery**	■ Primary 9-Cells 7800 mAh battery pack: 8.5 hrs[3]
Camera	■ 2.0 Mega-pixel Web - Cam	**AC Adaptor**	■ 100V - 240V; 60W/90W
Communication	■ Two 10 / 100 / 1000 Mbps Ethernet ■ Intel® Dual Band Wireless AC 8260(a/b/g/n/AC) ■ Bluetooth 4.2 ■ LTE WWAN[2] ■ GPS[2] (UBLOX-NEO-M8N)	**Dimension**	■ 342 mm (L) x 245 mm (W) x 47 mm (H)
		Weight	■ 3.4 kg [3] (with 9-cell battery and 2.5" SATA HDD)

1. Pass all function test after performing IP5x 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

Accessories

► Car Adapter
■ DC-In: 12V-24V, 65W
■ DC-Out: 19V

► Office Dock

► Vehicle Dock

DURABOOK
ANYTIME MISSION CALLS

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