

Enduro

semi-rugged 14" notebook

14i

Model EA14



The Enduro 14i (EA14) is a cheap semi-rugged 14" notebook designed for professionals in the military, field service, transportation and public safety. Enduro 14i sets up a new definition for semi-rugged laptops by passing a 3 feet (90 cm) free-drop test and IP rating protection. It provides exceptional computing, powerful graphic performance, various wireless connection and long battery life in a balanced factor among display size and weight.

Technical Specification

Display	LCD 14,0" HD (1920x1080)	Interfaces	2x USB3.1, 2x USB2.0, SDXC card slot, 1x audio, 1x RJ45 LAN, 1x VGA, 1x HDMI, 1x serial RS232, 1x DC-In, 1x Docking connector
Chipset	Intel® Kaby Lake R platform	Security	Smart card reader, TPM 2.0, Intel® vPro, Kensington lock, Easy removeable SSD, Stealth mode, NIST BIOS compliant
CPU	Intel® Core™i5-8350U processor (6M cache, up to 3.6GHz)	Webcam	2.0 Mpixel
Graphics	Intel® HD Graphics 620	Wireless Connection	Bluetooth 5.0, Intel® Dual Band Wireless-AC 9260 (802.11a/b/g/n/ac)
Memory	up to 32 GB SO-DIMM DDR4 (2x slots)	OS	Windows 10 Professional 64 Bit
Storage	2,5" SATA HDD (500 - 1000 GB) >> optional MLC SSD with 256-512GB with extended temperature range	Certification	IP53, MIL-STD 810G
Multimedia Bay	Standard: Super Multi DVD±RW >> Other please see options on page 2	Housing	magnesium alloy
Audio	Intel® HD audio internal microphone & speaker	Colour	anthracite
Buttons	Power on/off, 2x programmable key, optional Backlight keyboard on/off	Dimensions	350 x 282 x 38 mm (L x D x H)
Power Supply	• Li-Ion 6-cell battery, 10.8 V 4700 mAh, up to 12 hours • AC-adapter: 100-240 V _{DC} , 65 W	Weight	2.3 kg

Designed to meet:

MIL-STD 810G	Operating	Storage
Altitude Method 500.5, (procedure I, II)	4572 m (15000 ft)	12192 m (40000 ft)
Temperature Method 501.5 & 502.5, (procedure I, II)	0°C to +60°C (-20°C with I-Temp SSD)	-51°C to +70°C
Humidity Method 507.5, (procedure I)	5 - 95 %	5 - 95 %
Vibration Method 514.6, category 24 (procedure I)	ASTM 4169, Truck Transport, 11.5.2 Random test, Assurance Level	ASTM 4169, Truck Transport, 11.5.2 Random test, Assurance Level
Drop Method 516.6, (procedure IV)	3 feet high with 26 drops	3 feet high with 26 drops



WATER JET
RESISTANT



SHOCK
RESISTANT



DROP
RESISTANT



FROST
RESISTANT



HEAT
RESISTANT



Enduro 14i left side



Enduro 14i right side

Options

- Intel® Core™i7-8650U processor (8M cache, up to 4.2GHz)
- NVIDIA® GEFORCE GTX1050 graphics (! need optional AC-Adapter with 120 W)
- sunlight readable display 1000 nits and capacitive touch screen
- WWAN module: LTE (4G+GPS)
- GPS module: uBlox-Neo-M8N
- RF antenna pass-trough for GPS, WWAN and WLAN
- Night vision mode
- Fingerprint scanner
- RFID reader
- backlight for keyboard
- Bridge battery for hot swappable main battery (~5 min. swap time)

Multimedai Bay Options**Only of of these options can be used at once:**

- Super Multi DVD±RW
- 2nd battery Li-Ion 10.8V, 4700mAh, up to 12 hours
- 2nd Storage (SSD)
- Express Card 54 slot x 1 and PCMCIA Type II x 1
- PCMCIA Type II x 2

Accessories

- vehicle adapter 12 - 24 V_{DC}
- AC adapter (100-240V, 50Hz-60Hz, 120W), for used with NVIDIA® VGA

v1.1



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