

Argonaut Ranger 1400T/TXL Specifications

Rugged Features

Case	Magnesium alloy case enhanced drop and shock protection over traditional plastic, case offering added protection. Also improves heat transfer of critical electronics to extend life expectancy.
LCD/HDD protection	Rubber protection surrounding LCD & HDD area for shock and vibration protection.
Drop	Passes drop torture test 26 drops of 29 inches to plywood over concrete with unit off and display closed. Simulate Mil Std 810F, Method 516.4, Procedure IV. 5 units to pass.
Shock & Vibration	Shock mounted LCD screen and hard disk drive from damage and data loss. Flexible HDD cable design absorbs shock from drops Simulate Mil Std 810F, Method 514.4, Procedure I, Category 10, Fig 16 & 17/ASTM 4169, Truck Transport, 11.5.2 Random test, Assurance Level II.
Spill Resistant Keyboard	Spill-resistant keyboard, touchpad and buttons. Spill-resistant design stops spills from seeping into sensitive interior parts. Removable polymer molded membrane cover shields from moisture, chemicals and dust.

System

Processor	Intel® Core™ 2 Duo Processor (FSB 667MHz) 2~4MB L2 Cache Intel® Core™ Duo Processor (FSB 667MHz) 2MB L2Cache	
OS	Microsoft® Windows Vista™, XP Professional Edition	
Chipset	North Bridge: Intel®945GM Express	South Bridge: Intel®ICH7M
Display	14.1" TFT Sunlight Readable Transflective LCD with XGA resolution (1024x768)	
Graphics & Video	Intel® 945GM built-in <ul style="list-style-type: none"> Intel® enhancement AGP BUS equivalent hardware 2D/3D video graphic accelerators Shared system memory 128MB Max (Intel Driver Dynamic changed) 	
Memory	Two Dual Channel DDR II SODIMM Slots 512MB/1GB/2GB (Max 4GB)	
Audio	Compliant to Intel® High Definition Audio (Azalia) <ul style="list-style-type: none"> 24-bit output Built-in Microphone 	
Hard Disk Drive	2.5" 9.5mm high Hard Disk Drive, 80/250/320GB SATA 150 or PATA (Factory Option) Anti Shock Mounted HDD	
Media Drive	One internal optical drive for; DVD Super Multi DVD+RW	
I/O Ports	Three USB connectors (USB2.0) One 15 pins D-sub connector for external monitor One line-out phone jack for external speakers One RJ-45 jack for internal 10/100/1000Mbps Ethernet One 9 pins D-sub connector for RS232 serial port One IEEE 1394 port	One Type II PCMCIA card socket One Mic-in phone jack for external microphone One RJ-11 jack for internal 56Kbps V.90 modem One DC-in jack One 36 pins D-Sub connectors for 2ND Serial & One Parallel ports (optional)
I/O Devices	One Smart card socket 4 in 1 media card reader support MS/MS Pro/SD/MMC	
Keyboard	Spill Resistant Keyboard (85 key with window keys and 12 functional keys)	
Wireless/Communication	Modem: Internal 56K V.90 Fax/Modem Ethernet: Integrated 10/100/1000 Mbps Ethernet Wireless: Intel® Pro/Wireless 3945ABG (802.11 a/b/g) network connection (factory optional) Optional Bluetooth	
AC Adapter	Input: 100~240V 50/60Hz, Output: 20V/3.25A/65W	
Battery	Standard: 6-cell 4400mAh Li-Ion battery (Approx. 3.5 hrs) Optional: 9-cell 6600mAh Li-Ion battery (Approx. 5 hrs) Battery life will vary depending on actual use factors.	
Dimension & Weight	12.3" (312.5mm)W x 10.12" (257mm)D x 1.42"~1.5" (36mm ~ 38.3mm)H (Height Variation due to rubber corner bumpers) 5.73lbs w/ 6-cell battery, 6.17lbs w/ 9-cell battery	
Environment	Operating Temperature: 5°C~35°C Operating Humidity: 20%~95%	Storage Temperature: -20°C~60°C
EMI/Safety	FCC, CSA, CE, CB	

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