



Drop resistant

- Magnesium alloy case
- Optical drive lock design



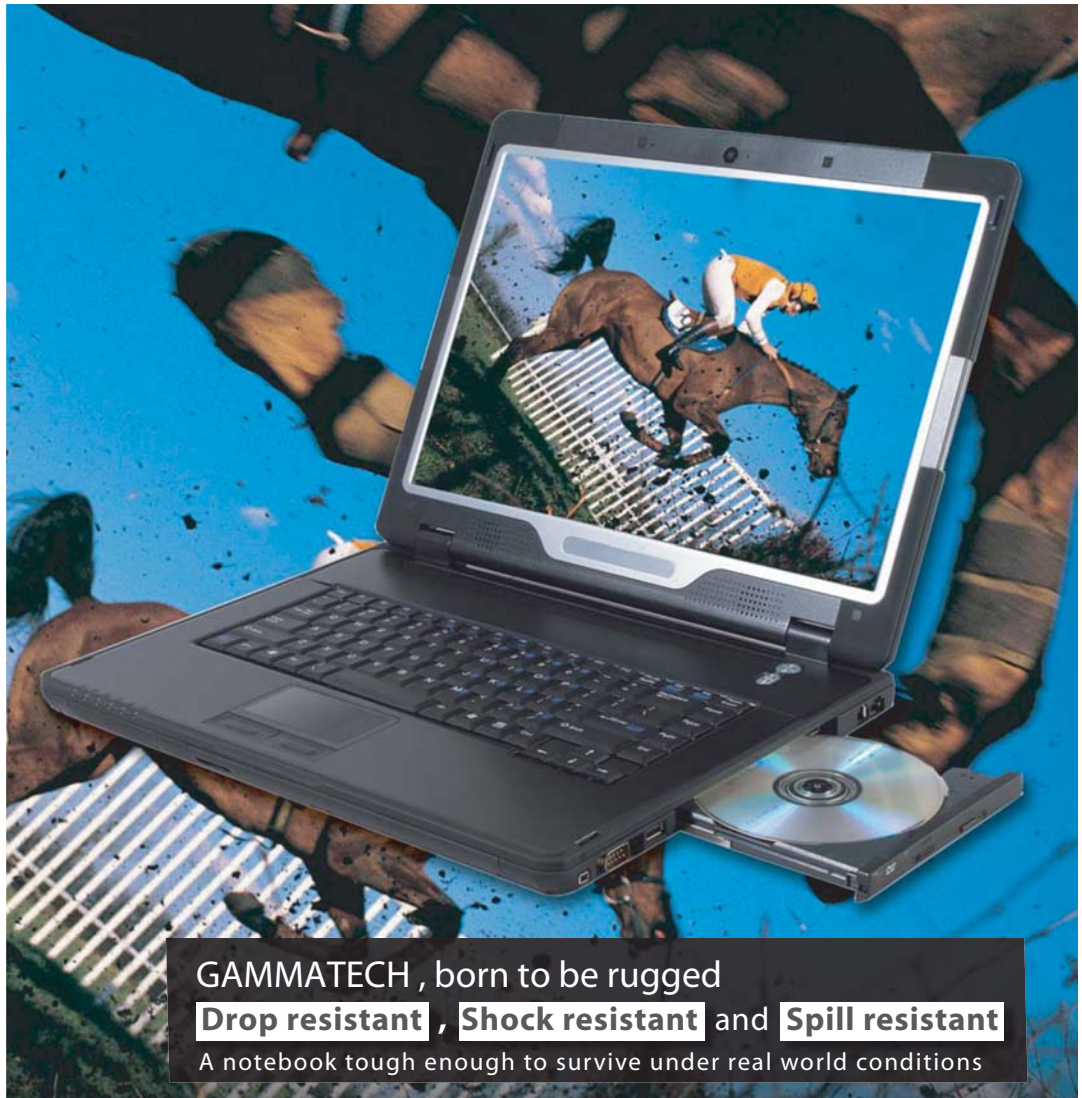
Shock resistant

- Anti-shock mounted HDD
- Anti-shock mounted LCD screen



Spill resistant

- Spill resistant keyboard, touchpad and buttons



GAMMATECH, born to be rugged
Drop resistant, **Shock resistant** and **Spill resistant**
 A notebook tough enough to survive under real world conditions

GAMMATECH D15TS



Rugged Outside:

- Rugged Spec. Drop/ Shock/ Spill – MIL-STD- 810G

Security Features:

- Smart Card socket for identity protection & TPM 1.2 support

Performance Inside:

- Intel® Core™2 Duo processor (4MB L2 Cache, 800/667MHz FSB)
 -Intel® Wireless WiFi Link 4965AGN (802.11a/b/g/n)
- 15.4-inch WXGA TFT LCD screen (1280 x 800)
- Integrated 4 in 1 Media Card Reader & one Express Card Type 54/34 slot
- Optional 3G Antenna and Bluetooth function
- Optional Intel® Turbo Memory
- Intel® Media Accelerator GMA X3100 Graphics Core
- 1.3 Mega-pixel Webcam



GAMMATECH Tough Features

Drop Resistant	Magnesium alloy case - 20 times stronger than ABS plastic, offering higher survival rate after drops and bumps. 26 drops from 76 cm height to plywood over concrete with unit off and display closed. 5 units to pass. Simulate MIL STD 810G, Method 516.6, Procedure IV.
Shock Resistant	Anti-shock mounting design protects LCD screen and hard disk drive from damage and data loss. Flexible HDD cable design absorbs shock from drops. Simulate MIL STD 810G, Method 514.6, Procedure I, Category 24, Fig. 6E-1. ASTM4169, Truck Transport, 11.5.2 Random test, Assurance Level II.
Spill Resistant	Spill resistant keyboard, touchpad and switches. Spill resistant design stops spills from leaking into sensitive interior parts.
Optical Disk Lock	Exclusive optical disk tray lock prevents unintentional tray eject from drop and vibration.
Battery Protection	Double protection smart battery circuitry prevents damage caused by current or voltage surges and overheating. Smart Battery Calibration helps fight the loss of battery capacity after repeated charge-discharge cycles.

System Specifications

Processor	Intel® Duo Mobile Technology Intel® Core™ 2 Duo processor (FSB 800/667MHz) 4MB L2 Cache Intel® Celeron® M Core 2 Solo processor (FSB 533MHz) 2MB L2 Cache Intel® Santa Rosa Refresh, 45mm Penryn Ready
Chipset	Intel® 965 Express Chipset South Bridge: Intel® ICH8M
System Memory	Two Dual Channel DDR II SODIMM Slots each for 512MB/1GB/2GB Max. 4GB (Max. 3GB under Window XP & Vista 32-bit OS)
Hard Disk Drive	2.5" 9.5mm Hard Disk Drive, 80/100/120/160GB or higher, SATA II 300 Anti Shock Mounted HDD (Protection From Vibration In Transporting)
Optical Media Device	One internal optical drive for: • Combo Drive (DVD/CD-RW) • DVD Dual or DVD Super Multi (DVD-R/CD-RW/DVD-RW/DVD+RW_DL/DVD-RAM)
Display	15.4" WXGA resolution (1280 x 800) WXGA+ resolution (1440 x 900) (Option)
Graphics & Video	Intel® Graphics Media Accelerator X3100 (Mobile Intel GMA X3100) • Intel® Smart 2D Display Technology (Intel S2DDT) • Shared system memory up to 358MB Max. DVM T 4.0
Audio	Compliant to Intel® High Definition Audio (Azalia) • Stereo: two 1.5W speakers • Built-in Microphone
I/O Devices	• One Smart Card socket • 4 in 1 media card reader support MS/MS Pro/SD/MMC • 2 button PS/2 Touchpad • One 1.3 MEGA Pixel webcam (option)
I/O Ports	• Three USB 2.0 connectors • One IEEE 1394 port • One 9 pin D-sub connector for RS232 serial port • One Type II Express Card 34/54 • One 15 pins D-Sub connector for external monitor • One Line-Out phone jack for external speakers • One Mic-In phone jack for external microphone • One RJ-45 jack for internal 10/ 100/ 1000Mbps Ethernet • One DC-In jack
Keyboard	Spill resistant Keyboard (88 Keys with Windows Key) Function Keys: • Fn+F1: Bluetooth off/on • Fn+F2: 3G off/on • Fn+F3: Touchpad off/on • Fn+F4: Suspend mode • Fn+F5: Display Switch (LCD -> CRT -> LCD+CRT) • Fn+F6: Brightness Decrease • Fn+F7: Brightness Increase • Fn+F8: Volume Control Down • Fn+F9: Volume Control Up • Fn+F10: Mute
Wireless/Communications	Ethernet: Integrated 10/100/1000 Mbps Ethernet Wireless: Intel® Pro/Wireless 3945ABG (802.11 a/ b/ g) network connection Wireless: Intel® Mini Express Wireless LAN 802.11n (option) Bluetooth 2.0 + EDR (option) Optional WWAN 3G module and antenna The SIM card is secured behind a security-screwed door
AC Adapter	Input: AC 90~265V 47/63Hz, Output: 20V/3.25A/65W
Battery	Standard: 6 cell 4400mAh Li-Ion battery (Approx. 5hrs*) Optional: 9 cell 6600mAh Li-Ion battery (Approx. 8hrs*)
Dimensions & Weight	370mm(W) x 276mm(D) x 37.5~40mm(H) / 14.6"(W) x 10.9"(D) x 1.48"~1.58"(H) 3.1Kg/6.83lbs (with 9 cell battery) / 2.9Kg/6.39lbs (with 6 cell battery)
TPM	Standard Internal TPM 1.2 Data Security Protection
Certification	FCC, DOC, CUL CE, CB
Security	Kensington Lock / Administrator password / Boot password / TPM 1.2 Support