



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



Dust resistant

- All input / output ports



GAMMATECH Built tough , Built to last!

Drop resistant Shock resistant Spill resistant and Dust resistant

A notebook tough enough to survive under real world conditions

GAMMATECH D14RM



Rugged Outside:

- Rugged spec. Drop/ Shock/ Spill – tested to MIL-STD-810G
- Dust resistant for all input / output ports

Security Features:

- Smart Card socket for identity protection
- TPM 1.2 support & Fingerprint Scanner

Performance Inside:

- Intel® Core™2 Duo processor (1066MHz FSB)
- Intel® Wireless WiFi Link 5100
- 14.1-inch WXGA/WXGA+ TFT LCD screen
- Integrated 4 in 1 Media Card Reader & one PCMCIA type II slot
- 4-USB Ports & RS232 Serial Port
- LED illuminated keyboard
- Integrated HDMI connector for HDTV or Projector
- Optional 3G antenna, GPS, Bluetooth and Webcam (1.3MP)



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.
Dust Resistant	All Input/Output ports
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.
Stylish Rugged	Magnesium alloy top cover with diamond cut rim and 4 concussion bumpers

System Specifications

Processor	Intel® Core™ 2 Duo, FSB 1066 (Montevina Platform)	Intel® Celeron® (Montevina Platform)
Chipset	North Bridge: Intel® GM45, GL40(factory option)	South Bridge: Intel® ICH9M
System Memory	Two 200-pin DDRII SODIMM sockets each for 1GB/2GB (8GB Maximum)	
RAID Controller	Factory Optional Intel Mobile Enhanced RAID Controller Support RAID 0,1	
Hard Disk Drive	2.5" 9.5mm SATA II Hard Disk Drive Support capacities of 160/320 GB & Up	
Multi-function bay	One field changeable side opening multi-function bay that supports <ul style="list-style-type: none"> • Super Multi optical drive or; • Optional 2nd Hard Disk Drive kit (support 9.5mm SATA II Hard Disk drive 160/320 GB & up) 	
Display	14.1" WXGA (1280x800) TFT, WXGA+ (1440x900)-option Webcamera: 1.3Megapixel (option) Touch Screen: Optional resistive type touch panel (factory option), optional sunlight readable function	
Graphics & Video	Intel® GM45 Integrated graphics <ul style="list-style-type: none"> • Shared system memory up to 1759MB (depending on RAM and OS) 	
Audio	<ul style="list-style-type: none"> • High Definition Audio, stereo • Internal Microphone 	<ul style="list-style-type: none"> • Two 1.5W speakers
I/O Devices	<ul style="list-style-type: none"> • One PCMCIA Type II slot • 4 in 1 card reader slot support MS/MS Pro/SD/MMC card • Smart Card reader 	<ul style="list-style-type: none"> • 2 button PS/2 TouchPad
I/O Ports	<ul style="list-style-type: none"> • Four USB 2.0 ports • One Head Phone out phone jack • One Mic-in phone jack for external Microphone • One RJ-45 jack for internal 10/100/1000Mbps Ethernet • One DC-In jack 	<ul style="list-style-type: none"> • One 19 pin HDMI connector for HDTV or Projector • One 9 pin D-sub Serial port • One 15 pin D-sub VGA port for ext. monitor/projector • One optional ext. antenna connector for GPS
Keyboard	Spill resistant keyboard (88 Keys with Windows logo), LED illuminated keyboard Function Keys: <ul style="list-style-type: none"> • Fn+F1: Bluetooth on/off • Fn+F2: 3G on/off • Fn+F3: Touchpad on/off • Fn+F4: Suspend to RAM/Suspend to HDD • Fn+F5: LCD/Ext. Display Switch(LCD->Ext. Display->Both) • Fn+F6: Brightness Decrease • Fn+F7: Brightness Increase • Fn+F8: Volume Decrease • Fn+F9: Volume Increase • Fn+F10: Mute • Fn+F11: Touch panel on/off 	
Wireless/Communications	<ul style="list-style-type: none"> • Bluetooth 2.1+EDR (option) • Integrated 10/100/1000 Mbps Ethernet (RJ-45 connector) • Internal 2nd Mini PCI Express slot to support either WWAN/3G or WiMAX or GPS 	<ul style="list-style-type: none"> • Intel Mini Express Card Wireless LAN (802.11a/b/g/n)
Security	<ul style="list-style-type: none"> • BIOS administrator password / Boot password • Fingerprint Scanner • TPM 1.2 	<ul style="list-style-type: none"> • Smart Card reader • Kensington Lock
AC/DC Adapter	Input: AC 100~240V 50/60Hz, Output: DC 20V/3.25A/65W	
Battery	Standard: 6 cell 4400mAh Li-Ion battery (Approx. 5 hrs*) Optional: 9 cell 6600mAh Li-Ion battery (Approx. 8 hrs*)	
Dimensions & Weight	352mm (W) x 256mm (D) x 37-41 mm (H) / 13.8" (W) x 10" (D) x 1.45"~1.61" (H) 2.5Kg /5.5lbs (with ODD & 6 cell Battery)	
Certification	FCC, CE, CUS, CB	
Green Tech	EPEAT, Energy Star 5.0, RoHS Compliance	

- The specification and pictures are subject to change without notice.
- All brand names are registered trademarks of their respective owners.
- * Battery life may vary based on setting and usage.



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