



Drop resistant

- Magnesium alloy case
- Optical drive lock design



Shock resistant

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



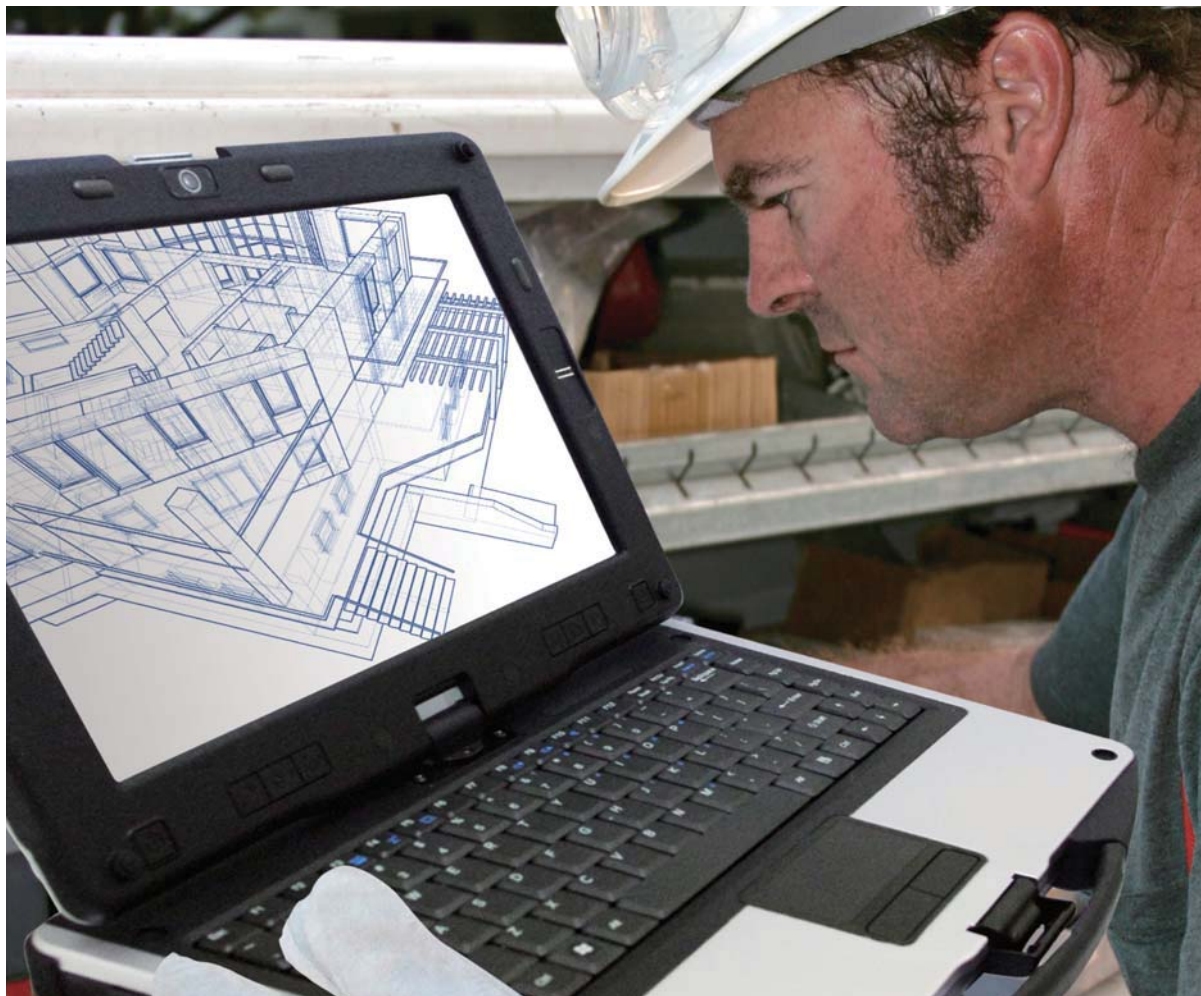
Spill resistant

- 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

DURABOOK U12Ci

Rugged Outside:

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

Security Features:

- BIOS administrator password / Boot password
- Computrace BIOS ready, Smart Card Reader(option)
- Fingerprint scanner, Kensington Lock, TPM 1.2

Performance Inside:

- Intel® Pentium 987
- Intel® Ivy Bridge i5
- DDRIII SODIMM sockets each for 2GB, 4GB,8GB (16GB Maximum)
- 12.1" WXGA (1280x800) Convertible TFT, LED backlight, Optional sunlight readable .
- 1.3Mega-pixel Web-cam above LCD panel
- Intel® WiFi Link 1000 (1x2) with PCIe MiniCard
- Bluetooth 2.1+EDR
- 6 cell 5000mAh Li-Ion battery



Drop Resistant	MIL-STD-810G, Method 516.6, Procedure IV, 4 feet high with 26 drops to 2" plywood over concrete with unit off Up to 5 units to pass.
Shock & Vibration Resistant	MIL-STD-810G, Method 514.6, Procedure I, Category 24, Fig. 514.6E-1 & E-2. ASTM 4169-99 Truck Assurance Level. II, Schedule E Magnesium Alloy Case, Recessed Display, Tempered Glass, Shock Mounted HDD and LCD
Spill Resistant	100C.C.water drop on all C cover area in 2-5 seconds with system operational, with no effect on system operation or stability.
Dust Resistant	All Input/Output ports
Battery Protection	Double protection smart battery circuitry prevents damage caused by current or voltage surges and overheating.
Stylish Rugged	Smart Battery Calibration helps fight the loss of battery capacity after repeated charge-discharge cycles. A, D parts are Magnesium alloy & B,C parts are PC+ABS
Processor	Intel® Pentium 987 / Intel® Ivy Bridge i5
Chipset	Intel® HM77
System Memory	Two 204-pin DDRIII SODIMM sockets each for 2GB / 4GB / 8GB (16GB Maximum)
Storage	2.5" SATA 3.0 HDD or SSD Optional internal mSATA to support Intel Rapid Start Technology for fast resume
Display	12.1" WXGA (1280x800) Convertible TFT, LED backlight, Optional sunlight readable function, 1.3Mega-pixel Webcam above LCD panel Support optional 12.1" resistive and digitizer dual types touch panel
Graphics & Video	Integrated graphic controller
Audio	• High Definition Audio, Stereo • Two 1.5W speakers • Analog Microphone
I/O Devices	• One SD Card reader slot supports SDHC • One Express 34 card slot • Hidden Capacitive Touch Pad – PS/2 mouse interface / 2 buttons support Right/Left • One Mic-in phone jack for external Microphone • One I/O Module slot*
I/O Ports	• One USB 3.0 connector • One RJ-45 jack for 10/100/1000Mbps Ethernet • One 15 pin D-sub VGA port for ext. monitor/projector • One e-SATA/USB 2.0 combo connector • One DC-In jack • One 84 pin docking connector which support DC, VGA, LAN, USB and 2nd Battery
Wireless/Communications	• One Mini Express Card slot for WLAN • Intel® WiFi Link b/g/n and a/b/g/n with PCIe MiniCard form factor • Bluetooth 2.1+EDR
Temperature	Operating Environment Temperature: -4 F° ~ 121 F° (-20 C° ~ 50 C°) Storage Environment Temperature: -4 F° ~ 166 F° (-40 C° ~ 75 C°)
Humidity	Operating Humidity: 10%~90% RH Storage Humidity : 90% RH
Security	• BIOS administrator password / Boot password • Fingerprint Scanner • TPM 1.2 • Computrace BIOS ready • Kensington Lock Hole
AC/ DC Adapter	Input: AC 100~240V 50/60Hz, Output: DC 19V
Battery	Standard: 6 cell 5000mAh Li-Ion battery (Approximately 6 hours*) Optional 6 cell 2nd battery (Additional. 6 hours*)
Dimensions & Weight	324mm (W) x 230mm (D) x 38.5 mm (H) /12.7" (W) x 9.5" (D) x 1.51" (H) 2.5Kg / 5.5lbs (with Standard Battery)
Certification	FCC, DOC+ID, CE, CUS
Warranty	2-Year Warranty
Green Tech	EPEAT Silver, RoHS Compliance
Accessories/Options	Car adapter, Dual Battery charger, Docking Station



*I/O module interface: serial ports, USB

I/O module 1:

I/O module 1: USB 2.0 x2RS-232X1 (can be converted to RS-422, RS-485)

I/O module 2:

USB 2.0 x1 Smart card reader x1, Support Standards: ISO 7816

I/O module 3:

WWAN 3G module that support HSDPA/EVDO or GPS mini card module, Support Ext. antenna connector

I/O module 4:

Optional 2nd 2M pixel auto-focus camera module on the bottom of the unit

Dummy I/O module

The optional I/O module can be access for CTO purpose by removing the door on the lower cover.
Installed with 6 screws or less.

DuraTech USA Inc.

A Certified 8(a), SDB, DBE, SBE, MBE, WBE firm.

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