

Tough Features

DropResistant	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 Resistant	MIL-STD-810G, Method 514.6, Procedure I, Category 24, Fig. 514.6E-1, Fig. (Non-operating)ASTM 4169, Truck Transport, 11.5.2 Random test, Assurance Level 2(Operating)
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. Smart Battery Calibration helps fight the loss of battery capacity after repeated charge-discharge cycles.
Stylish Rugged	A, D parts are Magnesium alloy & B,C parts are PC+ABS

System Specifications

Processor	Intel® ULV i5 / i7
Chipset	Intel® HM76
System Memory	Two 204-pin DDRIII SODIMM sockets each for 4GB (16GB Maximum)
Storage	2.5" SATA HDD & SSD
Display	12.1" WXGA (1280x800) Convertible TFT, LED backlight, Optional sunlight readable function, 1.3Mega-pixel Web-cam above LCD panel Support optional 12.1" resistive and digitizer dual types touch panel Integrated graphic controller
Graphics & Video	<ul style="list-style-type: none"> • High Definition Audio, Stereo • Two 1.5W speakers
Audio	<ul style="list-style-type: none"> • Analog Microphone • One SD Card reader slot supports SDHC • One Mic-in phone jack for external Microphone
I/O Devices	<ul style="list-style-type: none"> • One Express 34 card slot • One I/O Module slot* • Hidden Capacitive Touch Pad – PS/2 mouse interface / 2 buttons support Right/Left • One USB 2.0 connector, one USB 3.0 connector
I/O Ports	<ul style="list-style-type: none"> • One RJ-45 jack for 10/100/1000Mbps Ethernet • One DC-In jack • One 15 pin D-sub VGA port for ext. monitor/projector • One 84 pin docking connector which support DC, VGA, LAN, USB and 2nd Battery
Keyboard	<p>Spill resistant keyboard (86 Keys with Windows key)Function Keys:</p> <ul style="list-style-type: none"> • Fn+F3 : Touchpad on/off • Fn+F4 : Suspend to RAM/Suspend to HDD • Fn+F5 : LCD/Ext. Display Switch(LCD->Ext. Display->Both) • Fn+F8 : Volume down • Fn+F9 : Volume up • Fn+F10 : Mute
Wireless/Communications	<ul style="list-style-type: none"> • One Mini Express Card slot for WLAN • Optional Bluetooth 2.1+EDR • Intel® WiFi Link b/g/n and a/b/g/n with PCIe MiniCard form factor
Temperature	Operating Environment Temperature: -4°F ~ 121°F (-20°C ~ 50°C) Storage Environment Temperature: -4°F ~ 166°F (-40°C ~ 75°C)- Depending on system configuration
Humidity	Operating Humidity:10%~90% RH Storage Humidity : 90% RH
Security	<ul style="list-style-type: none"> • BIOS administrator password / Boot password • Computrace BIOS ready • Optional Fingerprint OptionaScanner • Kensington Lock Hole • Optional TPM 1. 2
AC/ DC Adapter	Input: AC 100~240V 50/60Hz, Output: DC 19V
Battery	Standard: 6 cell 5200mAh Li-Ion battery (Approx. 4 hrs*) With 2nd battery (Approx. 8 hrs*)
Dimensions & Weight	324mm (W) x 230mm (D) x 38.5 mm (H) /12.7" (W) x 9.5" (D) x1.51" (H) 2.5Kg /5.5lbs (with Standard Battery)
Certification	FCC, DOC+ID, CE, CUS
Green Tech	EPEAT Silver, RoHS Compliance

*I/O module interface: serial ports, USB

I/O module 1:

I/O module 1: USB 2.0 x2 RS-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, Support Card types: Contact Smart Card, 5V, 3V and 1.8V Smart

I/O module 3:

WWAN 3G module that support HSDPA/EVDO or Gobi 2000 module, 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.



- 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.