

Access information. Anytime. Everywhere.

The DuraMax T rugged handheld mobile tablet is designed to keep you connected - even in the most treacherous conditions.

Rigorously tested, this rugged mobile computer will withstand the elements and function when you need it most. Off the shelf or customized to your specifications, partner with Grayhill and you will see results.



Outdoor Rugged

The DuraMax family of Hand Held Mobile computers has the field proven **reliability** your application demands.

Stands up to **MIL-STD-810F** for drops, vibration, temperature extremes, and humidity.

Sealed to IP67 for dust and sand and can be submersed in 1 meter of water for 30 minutes.

Outstanding **sunlight readability**, viewing angle, and color

8-15 hour **battery life** dependent on settings. Hot swappable battery with 90-second ride through.

High impact resistant display with vibrant colors

Custom Features

Wide range of **color choices**. Black or olive drab at no additional cost.

Private Labeled with your logo at no additional cost.

Custom keypad legends at no additional cost.

Integration **support** for numerous wireless communications options.

Ask us about longer life batteries, extra serial ports, GSM/GPRS, Linux, and lower cost displays.

Optional accessories include replacement batteries, recharging cables, and antennas.

Local Dealer Label - Place Here

Base Unit Specifications

Physical

Dimensions: 10.0" x 3.75" x 1.75"
(254 x 95 x 43mm)
Weight: 4.2 lbs. (1.91kg) with battery
Power on LED on face of unit
Handstrap: Nylon mesh with stylus

Keypad

Illuminated keypad
PDA – 6 hot keys, 4-Way Navigator with Enter

Electronics

Processors: Marvel PXA 255 XScale (300 MHz)
On-Board Flash Storage: 32 MB
RAM Memory: 64 MB SRAM

Operating System

Windows CE 4.2

Audio

Built-in microphone and speaker

High Contrast Color Display

Technology: Color TFT transmissive LCD
Readability: sunlight readable
Size: 8.4" diagonal (213mm)
Resolution: SVGA 800 x 600 pixels
Brightness: 400 nits (CCFL)
Color Depth: 16 bit

Rugged Touchscreen

Technology: 8 wire resistive (stable over time)
Ruggedness: Industrial strength - Passes
EN50021 high level impact with 500g load,
20 times

Battery

Battery Life: 8 hours – 10 hours (see web site)
Battery Size: 44.4 WHr
Hot-swappable: 90 sec. of ride-through without
losing data
Type: Li-on
Charges in 2-4 hours

Ports

PCMCIA (PC-Card)
Ethernet 10/100 (RJ45)
USB Host - Type A
Audio Out
Docking Station Connector: Sealed with USB
Host/Client and power

Installed Applications

Windows Media Player, Internet Browser
(Internet Explorer Type), Windows Explorer,
Control Panel and Control Panel Applets, Soft
Input Panel (On Screen Keyboard)

Installed Services

ActiveSync, Microsoft Windows Networking, FTP
server, SQL Server, Complete power
management

Installed Components

MFC (Microsoft foundation classes), .NET
Compact Framework, Scripting support
(JavaScript and VB Script)

Installed Support

802.11b/g, USB Support for mouse, Keyboard,
Mass storage, ActiveSync

Environmental

Operating Temperature: -20 to 60°C (-4 to 140°F)
Storage Temperature: -20 to 60°C (-4 to 140°F)
Thermal Shock: -20 to 60°C per IEC 60068-2-14
Vibration: 2.0 G acceleration sinusoidal 10-150
Hz, each axis, per MIL-STD 810F

Humidity: 95% non-condensing, per IEC
60068-2-3, Severity 10 days

Mechanical Shock: 50 G for 11 ms, half sine, per
IEC 60068-2-27, 3 shocks each axis

Seal Test (with covers on): IP67 per IEC 60529,
Sand and dust per NEMA 250

Salt Spray: Per NEMA 250

UV: Per MIL-STD-810F

Display/Touchscreen Impact: per EN50021,
high-level impact with 500g load, 20 times

Drop Testing: 4 foot drop MIL STD 810F, method
516.5, 26 times onto concrete

Certifications

Emissions and Susceptibility: CE per EN55011 /
CISPR 11, Class A (3 meter) and EN61000-6-2;
FCC Part 15 Class A; European Union EMC
Directive
Safety: CSA C22.2 No. 1010.1-92

Standard DuraMax Includes

Stylus pens
Quick start guide

Optional Accessories

Re-charging cradle with USB and Ethernet ports
DC charger cable with cigarette lighter adapter
44.4 Whr replacement lithium-ion battery
Antenna
Users Guide (see web site)

Other

ITARs compliant
RoHS compliant
18 month warranty
8 hours free development support with first
purchase

DuraMax T Configurations

	RAM	BT	802.11
01DURA-T-C	64MB		
01DURA-T-C-W	64MB		X

**Specifications subject to change without notice*