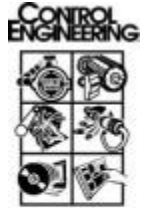# Stealth Model: WPC-500F Rugged, Fanless Waterproof PC
A Robust Mobile PC for Harsh Environment and Marine Applications

Sealed to IP67/NEMA 6 specifications
The new Stealth WPC-500F is a rugged PC that is completely water-tight, surviving liquids, chemicals, dust and dirt intrusion and meeting IP67/NEMA 6 environmental specifications. Designed without cooling fans the rugged aluminum chassis acts as a heat sink to dissipate internal heat and provide noise free operation. The durable small form PC operates from a wide range of DC input power making it a perfect fit for mobile and transportation based applications.

Stealth products are ideal for demanding applications within the Industrial, Commercial, Scientific Research, Military, Public Safety, Utility, Marine, Transportation, mining and Telecommunications markets. For unsurpassed performance and reliability contact Stealth today to discuss your application requirements or for immediate on-line pricing please visit our Instant Quote Builder Page.

CONTROL ENGINEERING
2010 ENGINEERS' CHOICE AWARDS

The leader in Small Form Factor PCs and More ...
Stealth.Com is a leading ISO 9001 manufacturer of specialized computers and peripherals that includes; Rack PC Servers, Rugged LCD Touch Monitors, Industrial Keyboards and Small Computers. For two decades Stealth has provided thousands of proven reliable product solutions that have assisted clients with a myriad of applications. Our impressive customer base includes a wide range of customers from single man operations to Fortune 500 companies, Military installations and Governments worldwide.

Model: WPC-500F - Waterproof Fanless Computer System

Front View

Rear View

Features:

- **Waterproof / Water Resistant**
- Dust, rain and splash resistant, IP67/NEMA 6 rated
- Fanless Low Noise, Low Power Consumption
- Intel Atom Processor 330 (1.6 GHz)
- Extreme Performance Hard Drive
- DC Input, Wide Range 10-30VDC
- 3D Graphics with 16x9 Capability
- Solid State Hard Drives (SSD) optional
- Windows Vista & XP Pro Compatible,
  *other O/S Options Available

- **Dimensions:**
  7.51"(W) x 11.37"(D) x 2.97"(H)
  (191 x 298 x 75.5 mm)

- **Complementary Product Options:**

WPC-500F Specifications

- **Processor**
  - Integrated Intel® Atom™ processor 330 Dual Core
  - 1.6 GHz CPU Speed, 533 MHz Front Side Bus (FSB),
  2 x 512 KB L2 Cache

- **Chipset**
  - Intel® 945GC Express Chipset and Intel® I/O Controller Hub 7 (ICH7)

- **BIOS**
  - 4Mb Flash EEPROM (Custom versions available)

- **Memory**
  - 2GB DDR2 Ram Standard (MAX)

- **Internal Storage**
  - Standard 2.5" Extreme Environment Hard Drive
  - HDD Spec: 80GB SATA, 8MB Cache, 5400RPM
  - Operational Specifications of the Hard Drive Only:
  • Temperature: -20C to +75C, RH: 5%-90%
  • Vibration: Up to 2G's from 5-500Hz
  • Shock: 300G's
  • Altitude: non-pressurized up to 5000m or 16,400ft
  • Operational: 24 x 7/ 8760 hours per year
  - Solid State Disk Drives (SSD) available

- **Optical Drives**
  - No internal optical drive support
  - Optional External USB DVD/CDRW or CDRW/DVDRW

- **Video** (Video Resolutions Supported)
  - Onboard Intel® Graphics Media Accelerator 950 (Intel® GMA 950)
  - Intel® 82945GC Express Chipset Graphics Controller

- **Networking**
  - Onboard 10/100/1000 Gigabit Network Controller,
  Reltek RTL8111C

- **Audio**
  - No Audio Support

- **Operating Systems**
  - Supported Operating Systems: Windows Vista 32-Bit/64-Bit,
  Windows XP 32-Bit / 64-Bit, Windows 2000 Pro, Windows XPe Embedded, Linux, QNX & embedded.

- **Power Management**
  - Advanced configuration and power interface V2.0, DMI 2.0
  - Wake-on event

- **Chassis Description**
  - Rugged Aluminum Chassis w/ mounting bracket
  - Completely Sealed Water, dust & debris Proof enclosure
  - Fanless Design with Heat Pipe Technology
  - Fully IP67/NEMA 6 rated, Highest level for Dust and Water Proof

Sealed, Waterproof

Wet Shot

Mounting Bracket Installed
Front View

Mounting Bracket Installed
Top View

Rear View with Cables Connected

Individual Cables

- **Power Input**
  - Wide DC input voltage range 10~30VDC
  - Supporting ITPS feature for powerup
  and delayed power down
  - Power configuration is setup as either to power
  on as soon as
  power is applied, or via ITPS. Must be advised at
  time of order

- **Power Consumption**
  Initial Start-up / Power Up: (36W)
  Windows Idle: (28W)
  Full Load: (35W)

- **ITPS Function**
  The ITPS Function allows users to have a switch
  installed on the
  ACC line of the power cable. When installed this
  would wire
  directly into the positive connector of your power
  supply.
  When the switch is ON, the Power on delay is
  enabled. When the
  switch is off, the Power off delay is activated.
  - Factory controlled setting to allow delayed power
  up or power
  down when activated via switch wired into the
  power input cables
  (Advise at time of order)
  - Click here for ITPS Function Diagram

- **Included Accessories**
  - Wall Mount Bracket
  - 4-port USB Powered Hub
  - RJ45 Coupler

- **Options**
  - Solid State Drives (SSD) SATA
  - USB Key (mini-Flash drive) for easy file transfer
  - External USB Optical Drive, DVD/CDRW,
  CDRW/DVDRW
  - Spare Cables for Video, Lan, USB/Serial and
  Power

- **Complimentary Product Option**
  Stealth Model: TT-840, 8.4" Waterproof LCD w/
  Touch

- **Rear Panel**
  - 4 Water Tight Bayonet connections IP67 Rated
  - DC Power In connection (1.5M in length)
  - VGA HD15 Video Cable (1.5M in length)
  - RJ45 Male connection (Comes with Coupler to
  allow Male to Male Connections) (1.5M in length)
  - 1 USB 2.0 and 1 DB9 Serial RS232 Cable (one
  cable to provide both connectors) (1.5M in length)

- **Dimensions**
  - 7.51"(W) x 11.37"(D) x 2.97"(H)
  (191 x 298 x 75.5 mm)

- **Environmental**
  - Operating Temperature: 0~40C
  - Non-Operating Temperature (Storage): -20 –
  70C

- **Weight**
  - Unit Weight (w/o cables, mounting bracket): 8
  lbs./3.62kgs.
  - Unit Weight (w/ cables, no mounting bracket):
  9.75 lbs./4.42kgs.
  - Mounting Bracket Weight: 0.6 lbs./0.28 kgs.
  - Shipping Weight: 13 lbs./5.9kgs.

- **Warranty**
  - 1 Year limited Warranty, Standard
  - Extended Warranty available, contact Stealth for
  more info.

Note: Specifications are subject to change without notice.
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