



8.4" SVGA NEMA 4X (IP66) Panel Mount LCD Touch Screen Computer

VarTech's multi-functional, user friendly, industrial grade 8.4" NEMA 4X (IP66) Fanless Panel PC is integrated with Intel's Atom Z510P 1.1GHz Processing Technology and extensive features. VarTech's harsh-duty Panel PCs are a space saving solution for many demanding environments. VarTech's panel PCs are available with a rugged gasket sealed NEMA 4X (IP66) rated stainless steel front bezel. The 8.4" Panel PC is also available with VarTech's best-in-class NEMA 4 (IP65) protection.

SPECIFICATIONS

Display Size

8.4 Inch

Panel Type

Bright Active Matrix TFT Display

Resolution Capabilities

SVGA (XGA optional)

Native Pixel Format

800x600 (1024 x 768 optional)

Pixel Pitch

SVGA 0.213mm x 0.213mm / XGA 0.1665mm x 0.1665mm

Viewing Angle

Left/Right: SVGA 80°/80° - XGA 85°/85° | Up/Down: SVGA 80°/60° - XGA 85°/85°

Contrast Ratio

600:1 Typical (XGA 400:1)

Brightness

SVGA: **650 nits** (XGA: 400 nits)

Colors

16.77M

Response Time

25ms

Backlight

50,000 hrs (CCFL)

Video Input

Analog 0.7V p-p

Sync

Separate H&V, Combined, SOG

Power Source

12VDC **Optional:** 90-264VAC Universal or 9-36 VDC

Temperature

Operating: -10° to 50°C (14 to 122F)

Humidity

Operating: 10 to 95%NC / Storage: 10 to 95%NC

Altitude

Operating: up to 10,000 ft, Storage: up to 40,000 ft

Stud Size & Screw Length

10-32 x 1/2"

Dimensions

10.624" (W) x 8.939" (H) x 4.255" (D) / 269.8mm (W) x 227.1mm (H) x 108.08mm (D)

Cut Out Dimensions

9.375"(w) x 7.875" (h) / 238.13mm x 200.03mm

Active Display Area

6.780"(w) x 5.160"(h) / 172.21mm x 131.06mm

Bezel Finish

NEMA 4X: 316 Stainless Steel **Optional NEMA 4:** Black Powder Coat Aluminum

Touchscreen

Optional: Resistive

Touch Interface

Serial or USB

FEATURES

- 8.4" Bright Active Matrix TFT Display, 650 nits (cd/m²)
- Powered by Intel Atom Z510P 1.1GHz Processor
- 2 GB 200-pin SO-DIMM DDR 333/400MHz
- Supports Compact Flash
- 320 GB SATA Fast Access Disk Drive, Optional Hard Drives Expandable to 1TB
- NEMA 4X (IP66) Stainless Steel Front Bezel
- Windows Embedded Operating System
- Various Operating Systems are available (call for details)
- High Contrast Ratio & Definition, Outstanding Vivid Color & Image Quality
- Wide Color Gamut
- 16.8 million colors
- Energy Efficient, Low Power Consumption
- High Environmental Performance and Reliability
- SVGA (800 x 600) Resolution (Optional XGA (1024 x 768) Resolution)
- Wide Operational Temperature Range, -10°C to +50°C (14°F to +122°F)
- RoHS Compliant
- Engineered and Manufactured by VarTech Systems, an ISO 9001 Registered Company
- **Engineered, Fabricated and Assembled in the USA**
- Two (2) Year Warranty

CONTACT

HEADQUARTERS

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Baton Rouge, Louisiana 70809

Phone 800.223.8050

International

001.225.298.0300

Fax 225.297.2440

E-mail

sales@vartechsystems.com

OPTIONS

- Solid state SATA hard drive
- Various Operating Systems Available, including: Windows XP Embedded, CE, and Linux
- VBOND Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- NEMA 4 (IP65) Black Powder Coated Aluminum Frontal Bezel
- Touch Screen: Resistive, Capacitive or Armor Touch
- Optional XGA (1024 x 768) Resolution
- 1500 nits (cd/m²) Sunlight Readable LCD
- 90-264VAC Universal or 9-36 VDC Power Supply



Solutions for Demanding Applications

SPECIFICATIONS cont.

Processor

Intel® Atom™ Z510P 1.1GHz

Chipset

Intel® US15WP

System Memory

2GB DDR2 onboard memory

USB

4 x USB

Serial Port

2 x RS-232

Audio

1 x mic in, 1 x speaker out

Wireless (Optional)

802.11b/g mini PCIe module

Storage Device

1 x CompactFlash Type II slot & 2 x SD slots

Ethernet

1 x 10/100/1000Mbps



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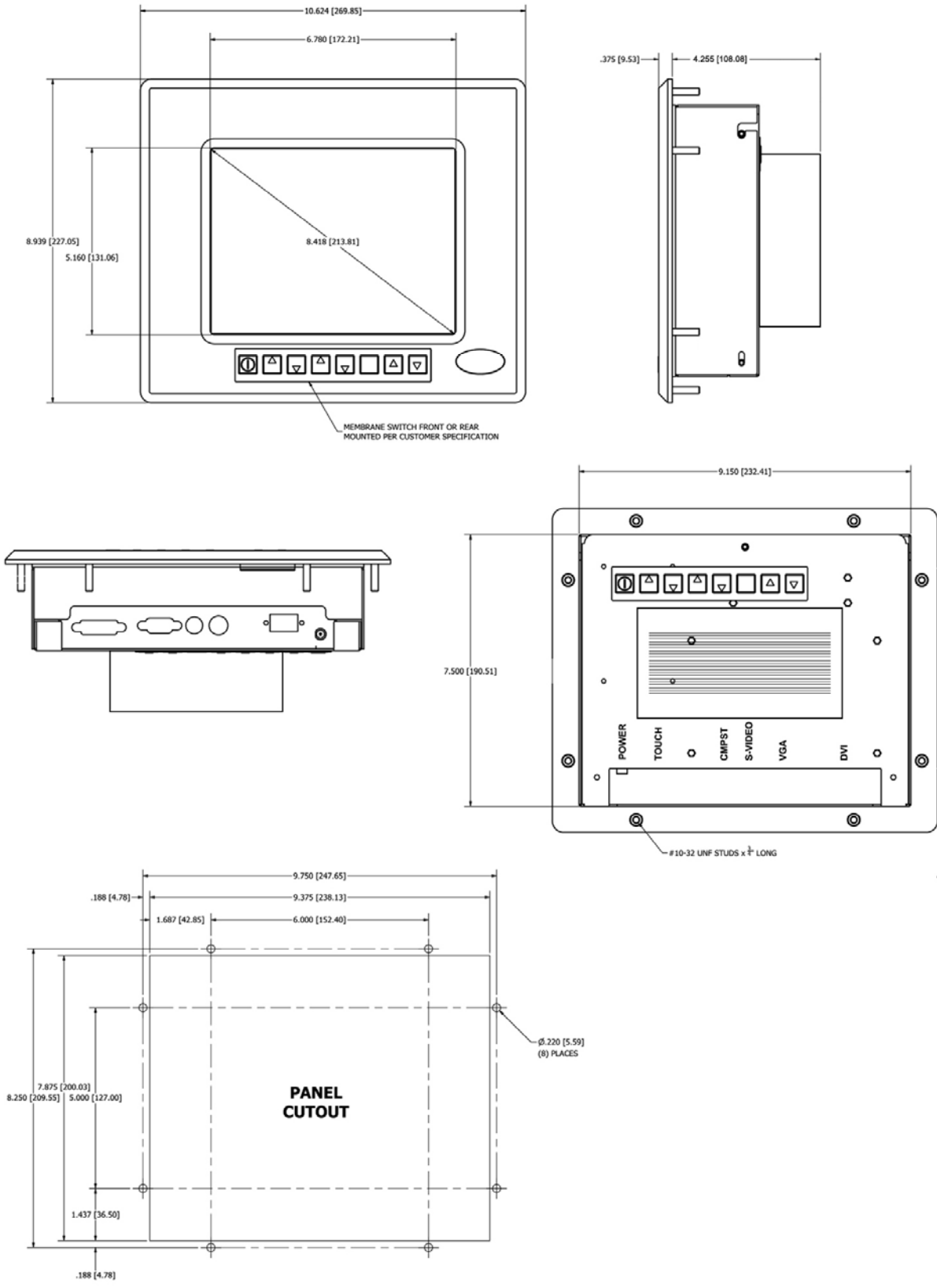
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Website

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Mechanical Drawing



DRAWN	4/27/2010	VARTECH SYSTEMS	
CHECKED			
QA		TITLE	
PMG		OUTLINE DRAWING- VTFC084PS2	
APPROVED		SIZE	TOLERANCES
USED ON		D	.XX = .015 .XXX = .005
APPLICATION		SCALE	1:1
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		REV	0
		SHEET 1 OF 1	