

# Product Development News

## Rugged Multi-Touch 22" LCD & All-In-One Desktop PC

OPTIA®



### DESCRIPTION

United Computer Products announces the OPTIA® ruggedized 22-inch, Multi-touch, All-in-one LCD monitor for military and industrial applications where improved situational awareness or precision graphics is required. This rugged panel employs multi-touch Surface Acoustic Wave (SAW) technology along with providing superior image clarity, resolution, and higher light transmission. On board processing utilizes Intel® Core™ i7 technologies with solid state hard drive storage providing optimum bandwidth. Peripheral card expansion is provided with a PCI-e, 16x slot for enhanced graphic cards.

### RUGGED FEATURES

<b>Construction</b>	Aluminum housing/solid one-piece bezel
<b>Mounting</b>	VESA Mounting Interface Standard (VESA MIS-D 100mm x 100mm; VESA MIS-F 200mm x 100mm) Integrated Rugged Fold-back Desktop Stand
<b>Shock Resistance</b>	Random Vibration (Non-Operating): Compliant to MIL-STD-810F, Method 514.5, Procedure 1, Category 24 Sine vibration (Not-Operating): Compliant to MIL-STD-810F, Method 514.5, Procedure 1, Category 24

### SYSTEM SPECIFICATIONS

<b>Input Voltage</b>	AC: 90-260V, 50/60 Hz	<b>I/O Ports</b>	USB x 6
<b>Power Consumption</b>	250 watts (estimated)		Ethernet x1
<b>Dimension</b>	23" W x 16" H x 6.5" D		eSATA x 1
<b>Controls</b>	Front panel membrane		Audio x3
<b>Signal Interface</b>	DVI, VGA	<b>Processor</b>	Intel® Core™ i7
<b>User Input</b>	Multi-touch		
<b>Peripheral Expansion</b>	PCI-e 16x		
<b>OS</b>	Windows 7		

### Display Characteristics

<b>Display Type</b>	a-si, thin film transistor, liquid crystal
<b>Resolution</b>	1920 pixels by 1200 pixels (optimal)
<b>Aspect Ratio</b>	16:10
<b>Colors</b>	16.7 million colors
<b>Contrast Ratio</b>	1000:1

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