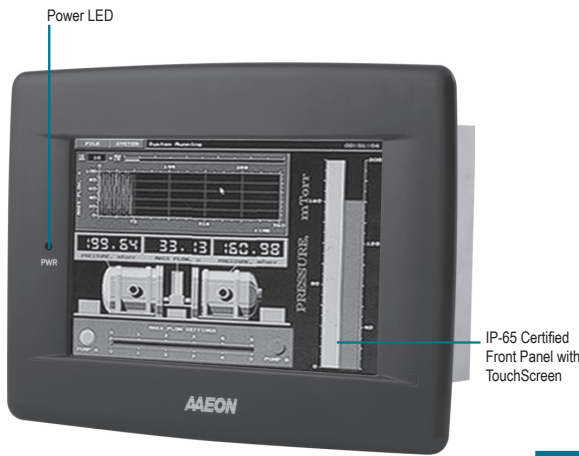


# AOP-8070HT

7" 16:9 WINCE Fanless Operator Panel PC

02

OMNI Series - Operator Panel Solutions



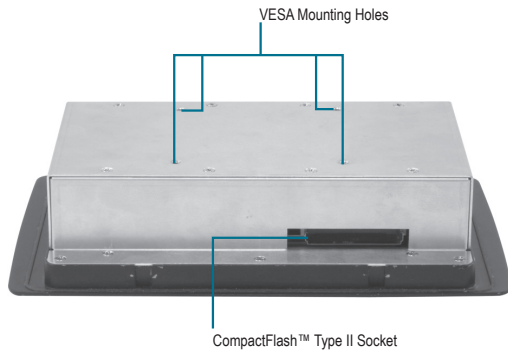
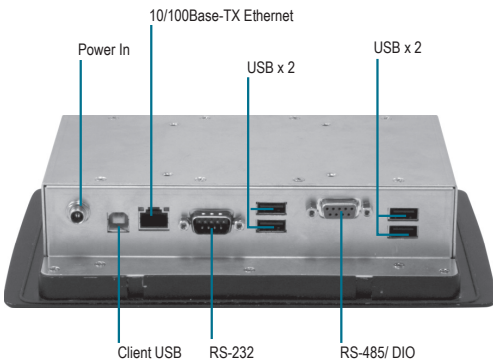
## Features

- Marvell® XScale PXA270 Low Power Processor
- 7" 16:9 WQVGA TFT LCD
- Slim, Fanless, Rugged
- TouchScreen CompactFlash™ Card Support
- Windows® CE.NET 5.0 Support
- 10/100Base-TX Ethernet
- Up to 6 In or 6 Out Digital I/O



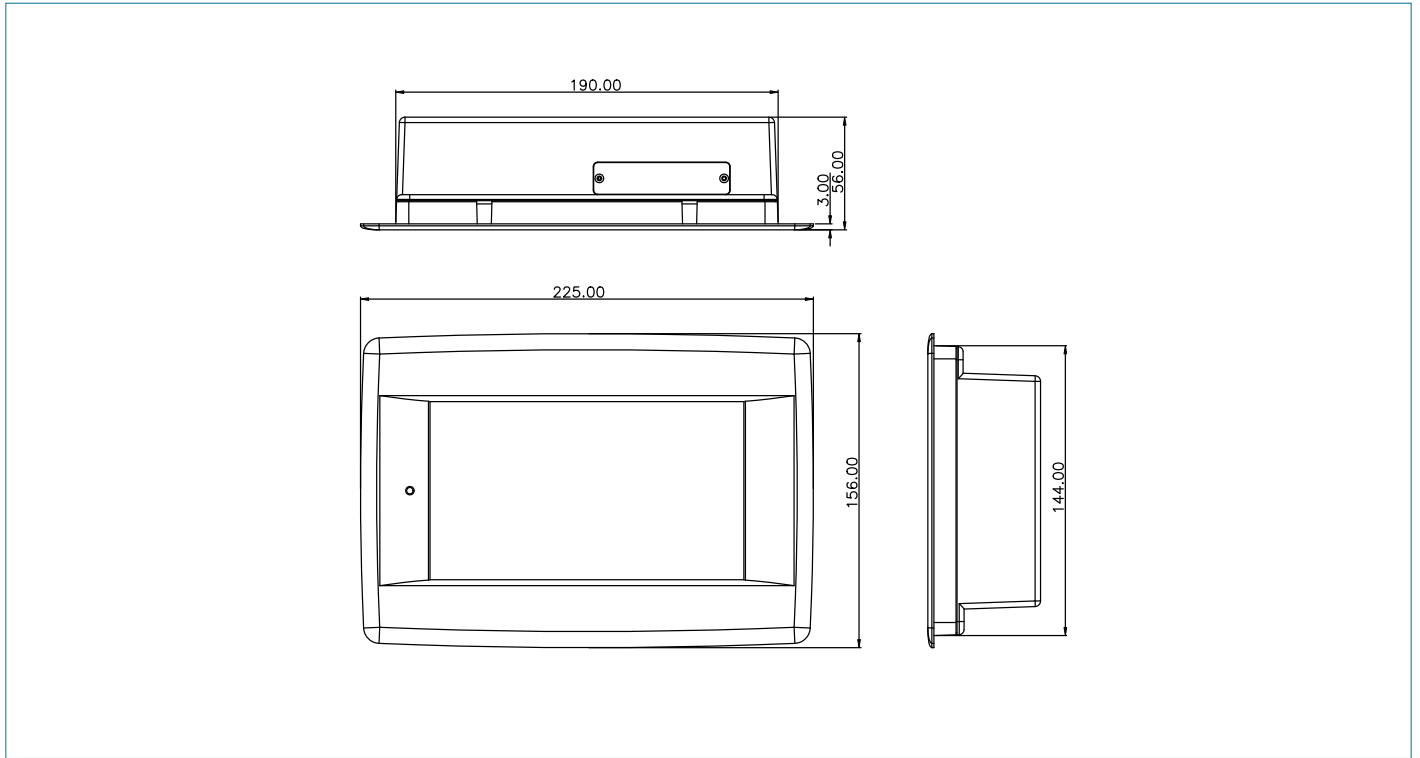
## Specifications

System	
Processor	Marvell® XScale PXA270 520MHz onboard CPU
Memory	Onboard 128MB
Storage Memory	Onboard M-System Mobile DOC 128MB
LCD/CRT Controller	Intel® PXA270 for 1st TTL LCD and CRT output Intel® 2700G for 2nd TTL LCD output (Optional)
Ethernet	Davicom DM9000AEP 10/100Base-TX, RJ-45 x 1
I/O Port	RS-232 (DB-9) x 1, RS-485 + Digital I/O x 1 USB1.1 x 4
Storage Disk Drive	CompactFlash™ Type I/II slot
OS Support	Windows® CE.Net 5.0
Mechanical	
Construction	IP-65 certified Plastic front panel Aluminum back panel
Color	Front Panel: Black Back Panel: Original color of material
Mounting	VESA 75/100
Dimension	8.9" (W) x 6.14" (H) x 2.2" (D) (225mm x 156mm x 56mm)
Carton Dimension	11.18" (W) x 7.36" (H) x 8.98" (D) (284mm x 187mm x 228mm)
Gross weight	3.3 lb (1.5 kg)
Net weight	2.2 lb (1 kg)
Environmental	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	10 to 90% @ 40°C, non-condensing
Vibration	Random Operation 1G, 5~500Hz
Shock	15G peak acceleration (11 msec. duration) / operation
Safety	UL60950
EMC	CE/FCC Class A
Power Supply	
DC-DC Input, 20W	Input: 12V
LCD	
Display Type	7" 16:9 WQVGA TFT LCD
Max. Resolution	480 x 234
Max. Color	Full Colors
Dot Size	0.107(H) x 0.37(V)
Luminance	350 cd/m <sup>2</sup> (Typical)
View Angle	120°(H)/105°(V)
Back Light MTBF (Hours)	15,000



# AOP-8070HT

Dimension Unit: mm



Touch Screen	
Type	4-wire, Analog Resistive
Resolution	2048x2048
Light Transmission	> 80%
Lifetime	10 Million activations

## Ordering Information

- **TF-AOP-8070HT-E1**  
Marvell PXA270 520MHz, Fanless Operator Panel with 7" 16:9 LCD, 128MB RAM, Touch Screen, Win CE 5.0

## Optional Accessories

- **ARM-DR075-0**  
DIN Rail kit with VESA 75/100 mm Standards
- **ARM-WK075-0**  
Wallmount Kit with VESA 75/100mm Standards
- **1702031830**  
Power Cord (US type)
- **1702031831**  
Power Cord (European type)
- **1702031810**  
Power Cord (Japanese type)
- **1702021201**  
DC Power Cable w/ lockable connector
- **1757306001**  
AC Input Adapter (DC 12V Output)