

# PM15TA3S-C3-5RT

**15" color TFT, 1024 x 768, TI DM3730 ARM Cortex-A8 Compact HMI Thin Client with Preinstalled Windows Embedded CE 6.0 Professional**



## Introduction

The AIS 15" compact web-based and ARM-based HMI solutions are one of the most versatile operator interface choices for visualization applications. The AIS operator terminals are ideal for applications that require monitoring, controlling and displaying information in dynamic ways, where operators must quickly understand machine status and make better decisions. These HMI compact thin clients are ideally designed for use in process and discrete manufacturing, industrial automation and process control applications.

## Specifications

Display	
Display	15"
Active/Area	304.1 (H) x 228.1 (V)
Native (Optimal) Resolution	1024 x 768
Colors	16.2M (6bits+FRC)
Contact Ratio	500:1
Brightness	250 nits
Touch screen Type	Resistive analog
System Hardware	
Processor, CPU speed	TI Cortex A8 1.0GHz
Flash Memory (ROM)	256 MB
SDRAM (RAM)	512 MB
Operation System	Windows Embedded CE 6.0 Professional
SD card slot	Yes
Interfaces	

## Features and Benefits

- Flexible, reliable, and ruggedized for open platform HMI
- Web and Windows CE-based with integrated CPU, RAM, storage, USB, RS232, RS422/485 and Ethernet ports
- Compact web-based thin clients for faster, better and lower-cost HMI applications
- Ruggedized levels of NEMA 12, 4X, 4, IP52, IP54, IP66 ratings
- Technical support for drivers, hardware, troubleshooting procedures and general system issues
- Customer service and sales support for product selection, order management, and warranty status

RS232	1
RS232/ RS422/ RS485	1
Ethernet 10/100 Mbps, RJ45	1
WLAN	1 (optional feature)
Bluetooth	1 (optional feature)
USB Host	2
General	
Power Supply	24VDC
Consumption	21 W
Protection	IP54 front, IP20 rear
Temperature	Operating: -0°C to 50°C (32°F to 122°F) Storage: -20°C to 60°C (-4°F to 140°F)
Approvals	
Approvals	CE, FCC (DOC)

## Order Information

**PM15TA3S-C3-5RT:** 15" TI DM3730 ARM Cortex-A8 Compact HMI Thin Client with Preinstalled Windows Embedded CE 6.0 Professional, 1024 x 768, Contact ratio 500:1

Unit: mm

