Moxa V2402 Computers Are Well-suited for Train Display Solution
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Location / Country : Euroope

Product Solutions:
V2401, V2402 Series

x86-based embedded computers with Intel Atom N270, VGA, DVI, LVDS, audio, 2 LANs,

12 serial ports, 4 DIs, 4 DOs, 6 USB 2.0 ports, CompactFlash

Introduction
Project Introduction

A transportation information systems company in Europe needed an embedded computer to act as a media server robust enough to use on railway vehicles, powerful enough to show HD video, and have a thermal design that allows for fanless cooling. This computer would connect with on-board displays to display advertisements and travel information.

System Requirements

- Industrial-grade design, suitable for use on trains and buses
- High video performance and reliability
- High-resolution display interface with VGA/DVI connectors

Moxa Solution

The company selected Moxa's V2402 computers based on the Intel Atom N270 processor, which deliver the performance required for various industrial applications. The industrial-grade design guarantees that it can offer a reliable operation for the applications deployed on trains.

In addition, the VGA and DVI connectors can offer a ready and immediate solution for customers to connect displays for train information and advertisements. Featuring excellent thermal design, the V2402 can perform well even in harsh environments and on moving vehicles.

V2402 computers are pre-installed with Windows Embedded Standard 2009, offering an ideal platform for rapid system deployment. This makes it easy for operators to develop and broadcast onboard system information and advertisements in different formats. During extensive pretesting, Moxa's unit was found to be by far the coolest when running at full system load, allowing for worry-free use even in hot summers over many years of service.

Why Moxa

- Industrial-grade design suitable for use on trains and buses
- Reliable thermal design that can endure extreme heat even at full system load
- High-resolution VGA and DVI interfaces for display connection