



应用案例

NISE 系列在墙面切割生产线的应用

一个值得信赖的 NISE 3110P2 无风扇工业计算机被总部设在英国的一家领先的高品质的复合隔热屋顶墙面系统的建造制造商所青睐。在基于 Holywell 基础的生产设施，利用切割线锯机械，形成创新的墙面系统以切割正确的形状。生产过程中产生的粉尘不可避免地钻进了他们的基于 PC 的工厂设备，从而导致系统变得不可靠并最终失败。

因此制造商需要一个高性能的工业计算机，并可以稳定工作在充满灰尘的恶劣环境中，并能满足以下预期：

- 功能强大的双核处理器
- 全密闭无风扇设计，可以稳定工作在灰尘的环境

- 工业等级设计，提供高可靠及降低系统停机时间 PCI 扩展和额外的以太网连接

应对这些应用需求，新汉提供了 NISE 3110P2 无风扇工业计算机的智能解决方案。采用 Intel® 945GME & ICH7-M 芯片组，NISE 3110P2 无风扇工业计算机支持 Intel® Core™ 2 Duo，533/667 MHz FSB 和 DDR2 667/533 内存。强大的平台使制造商有足够强的运算能力满足多种操作和运行 SCADA 软件的需求。

为了增加灵活性，NISE 3110P2 无风扇工业计算机提供 3 个 RS232 接口，1 个 RS232/422/485 接口和 2 个 PCI 扩展槽。以太网接口使 NISE 3110P2 便利的于 PLC 设备通讯。全密闭的铝制机箱 (195x 268x 107mm)，NISE 3110P2 无风扇工业计算机是专为高可靠，免维护，甚至是多粉尘等恶劣环境而设计。

NISE 3110P2 无风扇工业计算机最初被安装在生产线 (North Wales, 英国) 上的 Holywell 制造设备上。因出色的性能和高可靠性，NISE 3110P2 随后被安装到 North Yorkshire (英国), Dublin (爱尔兰) 和澳大利亚的其他生产线。



▲ NISE 3110P2

Intel® Core™ 2 Duo, Core™ Duo, Celeron® M Fanless System with
2 x PCI Expansion Slots

About NEXCOM

NEXCOM International Co., LTD., an ISO-9001-certified company and a member of PICMG, PCI-SIG, and the Intel® Embedded Alliance, is at the forefront of the competition by offering OEM, ODM and OBM designs for products such as innovative blade servers; network security appliances; industrial and embedded PC products such as single board computers, embedded boards and systems; CompactPCI CPU boards; industrial-grade server boards; and customized platforms. Established in 1992, NEXCOM has since won several patents, awards, certifications for its high-quality products and service that meet international standards and worldwide customers' requirements. To serve its worldwide customers well, NEXCOM, headquartered in Taipei, Taiwan, has set up seven subsidiaries in the United States, the United Kingdom, France, Italy, Germany, China, Japan as well as distributors in the other parts of the world.