

ISO 14644-1 Class 8 Required by Equipment Manufactures

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ISO 14644-1 Class 8. Required by Equipment Manufactures are requiring customers to operate their equipment in environments that conform to ISO 14644-1 2015 Class 8 for Particulate (Dust) in the equipment operating space. This requirement is being outlined in their user manuals under Hardware Requirements. **Below is an example of the Nvidia User Manual for their ConnetX-7 Adapter Card** . This shows how serious OEM's are taking dust in operating environments. Maybe you should too? IT Cleaning Ltd can help you keep your operating environment to [ISO 14644-1 Class 8](#) for [information give us a call](#).

This approach ISO 14644-1 Class 8 Required by Equipment Manufactures implies if you do not do this warranties can be voided.



NVIDIA ConnectX-7 Adapter Cards User Manual

3.3 System Requirements

3.3.1 Hardware Requirements

⚠ Unless otherwise specified, NVIDIA products are designed to work in an environmentally controlled data center with low levels of gaseous and dust (particulate) contamination. The operating environment should meet severity level G1 as per ISA 71.04 for gaseous contamination and ISO 14644-1 class 8 for cleanliness level.

⚠ For proper operation and performance, please make sure to use a PCIe slot with a corresponding bus width that can supply sufficient power to your card. Refer to the [Specifications](#) section of the manual for more power requirements.

⚠ Please make sure to install the ConnectX-7 cards in a PCIe slot that is capable of supplying the required power as stated in [Specifications](#).

ConnectX-7 Configuration	Hardware Requirements
PCIe x16	A system with a PCI Express x16 slot is required for installing the card.