

Create at the Speed of Thought

# renderBOXX 10300

Purpose built to power render intensive 3D graphics and animation workflows

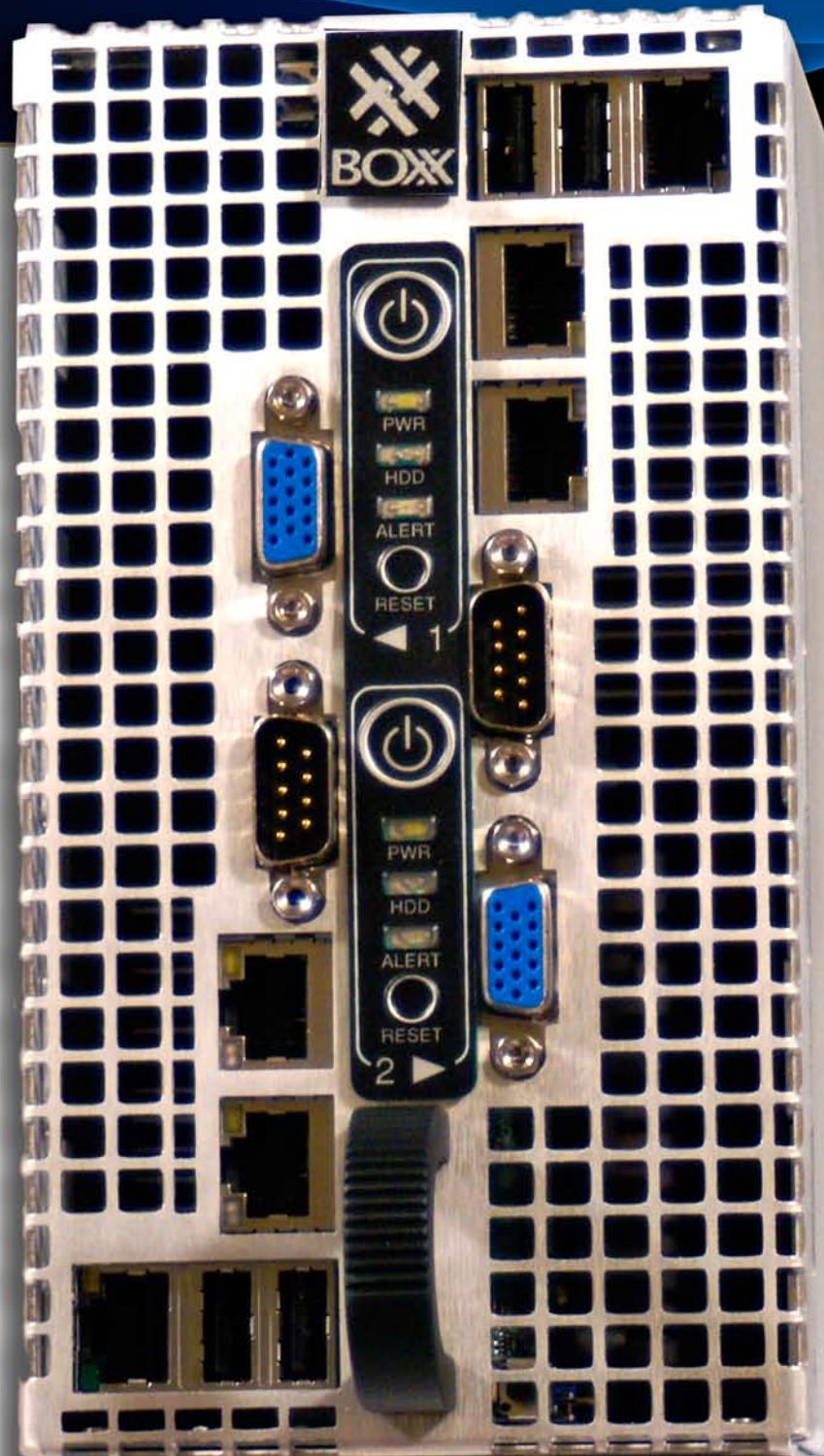
A single renderBOXX 10300 module (3.5" w x 7" h x 32" d) is comprised of two computers (nodes) with each node containing two Quad-Core Intel "Nehalem" processors

Ideal for space-constrained creative environments—five modules (10 nodes) fit into a 4RU (rack unit) or 7"x19" space

IPMI 2.0 technology featuring KVM over IP enables the industry's most efficient and flexible management of your render farm network

## Key Features

- Four Quad Core Intel® Xeon™ 5500 Series Processor
- Up to 384 GB memory (192 GB per node)
- 32 or 64-bit Microsoft® Windows™ and Linux®



# renderBOXX 10300 Specifications

## Processors

Intel® Xeon™ 5500 Series Quad Processor with 1333/1066/800 MHz System Bus  
Intel® 5520 Chipset with QPI up to 6.4GT/S and the ICH10R.  
Support 64 or 32 Bit Operating Systems

## Memory

Twelve 240-pin DIMM sockets supporting up to 1333 DDR3 Registered ECC Memory per Node  
24 Per Module Expandable up to 192GB per Node; 384 per Module  
Based on 1GB, 2GB, 4GB, 8GB, and 16GB DDR3 ECC REG Modules

## Bays

Two Internal 2.5 Drive Bays per Node, 4 Per Module

## Hard Drives

Two per Node; Four per Module SATA 2.5 GB/s  
From 80 GB to 320 GB for 7,200 RPM  
From 80 GB to 160 GB for SSD

## Ports

Per Node I/O Options; Two per Module  
Two USB 2.0, two Intel Gigabit Ethernet, one VGA (DB15), one COM (DB9) and one RJ45 IPMI

## System Management

One Intelligent Platform Management Interface (IPMI) Version 2.0 with KVM Over IP Per Node

## Power Supply

Two 520 Watt Power Supply 80 Plus, One Per Node

## Removable Storage

USB Floppy Drive, Dual Layer DVD+/- RW+DL Burner Drive

## Graphics

Integrated Matrox® G200eW Graphics per node

## Chassis

6.7" W x 3.4" H x 32.9" L (17.07 cm x 8.74 cm x 83.64 cm)  
Optional Rack Mounting Kit available (5 x Units in 4U Space)

## Operating Systems

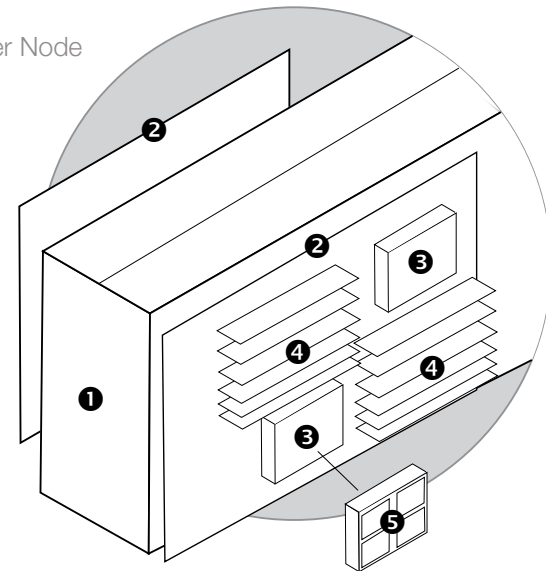
Microsoft® Windows™ 32-bit or 64-bit  
Linux

## Peripherals

Power Hub, External CD-R drive, Standard Keyboard and Mouse

## Service & Support

3-Year standard warranty  
Expert support via phone and e-mail M-F, 7AM-6PM CST



- ❶ 1 Module
- ❷ 2 Nodes (2 motherboards)
- ❸ 2 CPUs
- ❹ 2 sets of 6 DIMMs
- ❺ 4 Cores in a CPU