



RENDERFARM ON WHEELS

World's First Turn-Key Rendering Solution

Overview

- The dedicated rendering triad of hardware, software, and service
- Plug it in and go! ROW requires only Ethernet and power
- Ultimate turn-key solution for small to mid-size companies with limited or no IT staff
- On-site studio setup, unparalleled expertise and support get your ROW up and rendering in no time
- Available in a wide range of sizes and expandable to over 50 modules (800 cores)

Key Features

- **Hardware:** 14, 24 or 42U mobile rack, renderBOXX modules, master node, storage, network switch, display and keyboard
- **Software:** Preconfigured Autodesk® creation software, PipelineFX Qube!™ or Autodesk queue management software, and mental ray® or V-Ray® rendering engines
- **Service:** and Autodesk Consulting Services for expert, on-site installation and support

Specifications - Included with ROW

Rack

Available in a 14, 24, or 42U mobile rack

- 14U Dimensions: 24.5" x 37.8" x 36.7" (WxDxH)
- 24U Dimensions: 23.62" x 42.13" x 47.19" (WxDxH)
- 42U Dimensions: 23.62" x 42.13" x 78.39" (WxDxH)

Specifications

renderBOXX is available in increments of 5 modules (80 cores), 10 modules (160 cores), or more. Specification for one module are as follows:

Processors:

- Intel® Xeon™ 5600 Series Quad or Six Core 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:

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

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Bays:

- Two Internal 2.5 Drive Bays per Node, 4 Per Module

Hard Drives:

- Up to two per Node; Four per Module SATA 2.5 GB/s
- 32 GB to 256 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

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)

Operating Systems

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

Head Node

- License manager, queue manager, up to 16TB of storage

Port Switch

- Maintains license manager/queue manager/storage and render nodes each in their own network

Installed professional applications

- Autodesk® software: 3dsMax®, Maya®, Showcase®, or Softimage®,
- Queue manager options: PipelineFX Qube!™ or Autodesk® Backburner®
- State-of-the-art rendering engines: mental ray® or V-Ray

Optional with ROW

- **KVM Drawer:** Keyboard, Video, Mouse, LCD Monitor

Service & Support

- On-site installation and support from BOXX and Autodesk Consulting services
- 3-Year standard warranty

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