RDP GPU Workstations

NVIDIA RTX-Powered Professional Computing

AI Development & Model Experimentation | Computer Vision Build/Test | Creator + Engineering Acceleration

6 GPU Workstation SKUs — Use-case first → Customer picks Core or Pro → High-performance GPU computing starts

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MAKE IN INDIA

NVIDIA RTX-class GPUs — Professional acceleration for AI development, computer vision, and creator workflows

GPU-First. Professional. Performance-Optimized.

RDP GPU Workstations bring NVIDIA RTX-class professional GPUs to enterprise workflows — enabling GPU-accelerated AI development, computer vision testing, and creator productivity without cloud dependency.

That is why we have launched 6 GPU Workstation SKUs across 3 professional use cases — covering Core and Pro configurations with NVIDIA RTX-class graphics and tower form factors.

Built for GPU outcomes:

✓ Professional GPU acceleration (NVIDIA RTX-class for AI, CV, and creation)
✓ High-memory configurations (64GB-192GB RAM for heavy workloads)
✓ Future-proof investments (GPU workloads continue to expand across all industries)

Where GPU Workstations fit best

AI dev teams: Model experimentation, notebooks, evaluation runs, pilot environments

Computer vision engineers: Detection/segmentation, video testing, multi-camera datasets

Creators & designers: 3D/video workflows, AI-assisted creation, heavy content pipelines

Engineering teams: CAD/CAE acceleration, simulation, pre-sales demo environments

Why NVIDIA RTX matters

CUDA cores: Parallel processing for AI training and inference

Tensor cores: AI-specific acceleration for deep learning

High VRAM: Large model support and multi-stream processing

Professional drivers: ISV certification and stability for production

→ **Core tier: Mid-range RTX for evaluation and pilots | Pro tier: High-end RTX for production and scale**

USE CASE 1: AI DEVELOPMENT & MODEL EXPERIMENTATION

Dev Core + Dev Pro

For AI dev teams, notebooks, evaluation runs, multiple experiments, pilot environments and faster iteration cycles

Who needs this?

AI development teams running Jupyter notebooks, experimenting with models, testing frameworks (TensorFlow, PyTorch), pilot deployments, and teams building AI-first products

What makes it different?

NVIDIA RTX-class GPUs with CUDA + Tensor cores, 64-128GB+ RAM for large datasets, NVMe SSD for fast I/O, and configurations optimized for parallel experimentation

Dev Core (NVIDIA | Tower)

Model No. 811261

NVIDIA RTX Mid | Tower

CPU: Intel Core i7 / AMD Ryzen 7

RAM: 64GB (Up to 128GB)

Storage: 2TB NVMe SSD (+2nd NVMe)

GPU: RTX-class (Mid)

LAN: 2.5GbE preferred | Ports: USB-C, 8×USB

Monitor: 27" QHD | KB/Mouse: USB Wired

Best for AI dev teams, notebooks, evaluation runs, multiple experiments, pilot environments and faster iteration cycles

Dev Pro (NVIDIA | Tower)

Model No. 812261

NVIDIA RTX High | Tower

CPU: Intel Core i9 / AMD Ryzen 9

RAM: 128GB (Up to 192GB)

Storage: 2TB NVMe SSD (+2nd NVMe)

GPU: RTX-class (High)

LAN: 2.5GbE | Ports: USB-C, 8×USB

Monitor: 27" QHD | KB/Mouse: USB Wired

Best for heavier experimentation, larger datasets, parallel runs, advanced toolchains and long-run stability for core AI teams

Contact us: **sales@rdp.in** | **www.rdp.in/contactus**

USE CASE 2: COMPUTER VISION BUILD/TEST (CV WORKSTATIONS)

Vision Core + Vision Pro

For CV PoCs, detection/segmentation trials, video testing, pipeline iteration and multi-camera dataset experiments

Who needs this?

Computer vision engineers, video analytics teams, object detection/segmentation projects, surveillance system builders, and teams processing high-resolution video streams

What makes it different?

Higher VRAM preferred for CV models, fast storage for video datasets, configurations optimized for multi-stream processing, and memory headroom for large image batches

Vision Core (NVIDIA | Tower)

Model No. 821261

NVIDIA RTX Mid VRAM | Tower

CPU: Intel Core i7 / AMD Ryzen 7

RAM: 64GB (Up to 128GB)

Storage: 2TB NVMe SSD

GPU: RTX-class (Mid, higher VRAM preferred)

LAN: 2.5GbE preferred | Ports: USB-C, 8×USB

Monitor: 27" QHD | KB/Mouse: USB Wired

Best for CV PoCs, detection/segmentation trials, video testing, pipeline iteration and multi-camera dataset experiments

Vision Pro (NVIDIA | Tower)

Model No. 822261

NVIDIA RTX High VRAM | Tower

CPU: Intel Core i9 / AMD Ryzen 9

RAM: 128GB (Up to 192GB)

Storage: 4TB NVMe SSD (+2nd NVMe)

GPU: RTX-class (High, max VRAM option)

LAN: 2.5GbE | Ports: USB-C, 8×USB

Monitor: 27" QHD | KB/Mouse: USB Wired

Best for high-resolution CV workloads, faster retraining cycles, multi-stream testing and heavy vision projects with maximum headroom

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USE CASE 3: CREATOR + ENGINEERING ACCELERATION

Creator Core + Creator Pro

For content teams, pre-sales demos, AI-assisted creative workflows, design tools and engineering productivity acceleration

Who needs this?

Content creators, 3D/video professionals, CAD/CAE engineers, pre-sales demo teams, design studios, and anyone needing GPU-accelerated creative or engineering applications

What makes it different?

Balanced CPU+GPU for creative apps, ISV-certified drivers for Adobe/Autodesk/etc, configurations optimized for interactive workflows, and pre-sales-ready demo environments

Creator Core (NVIDIA | Tower)

Model No. 831261

NVIDIA RTX Mid | Tower

CPU: Intel Core i7 / AMD Ryzen 7

RAM: 32–64GB (Up to 128GB)

Storage: 2TB NVMe SSD

GPU: RTX-class (Mid)

LAN: 1GbE (2.5GbE optional) | Ports: USB-C, 8×USB

Monitor: 27" QHD | KB/Mouse: USB Wired

Best for content teams, pre-sales demos, AI-assisted creative workflows, design tools and engineering productivity acceleration

Creator Pro (NVIDIA | Tower)

Model No. 832261

NVIDIA RTX High | Tower

CPU: Intel Core i9 / AMD Ryzen 9

RAM: 64–128GB (Up to 192GB)

Storage: 4TB NVMe SSD (+2nd NVMe)

GPU: RTX-class (High)

LAN: 2.5GbE | Ports: USB-C, 8×USB

Monitor: 27" QHD | KB/Mouse: USB Wired

Best for heavy creator pipelines, 3D/video workflows, maximum performance for AI + design tools and long lifecycle deployments

GPU Workstations Scope & Boundaries

GPU Workstations Scope: Professional GPU Computing

These 6 GPU Workstation SKUs are designed for professional GPU-accelerated workloads — AI development, computer vision, creator tools, and engineering applications. **This is the scope of GPU Workstations.**

If customer needs endpoint productivity AI (Copilot, Teams AI)

→ We have other business verticals who will take care of this

- AI-Ready PCs: NPU-first processors (Intel Core Ultra / AMD Ryzen AI)
- Microsoft 365 Copilot optimized configurations
- On-device AI for productivity workflows
- Desktop, Laptop, Mini PC, and AIO form factors

For these requirements, we'll connect you with our AI PC vertical.

If customer needs datacenter AI or multi-user inference

→ We have other business verticals who will take care of this

- AI Servers: NVIDIA A-series / H-series GPUs
- High-core count: Xeon / EPYC processors
- Large memory: 128GB-512GB+ RAM for shared workloads
- Rack-mount form factors for datacenter deployment

For these requirements, we'll connect you with our server vertical.

Clear understanding:

GPU Workstations (this portfolio): Professional GPU-powered workstations for AI dev, CV, and creator workflows
Beyond GPU Workstations: Endpoint productivity AI → AI PCs vertical | Datacenter AI → Server vertical

MAKE IN INDIA

Built for India. Ready for GPU.

RDP GPU Workstations bring NVIDIA RTX-class professional GPUs to Indian enterprises — enabling GPU-accelerated AI development, computer vision, and creator productivity while supporting Make in India procurement priorities.

6
GPU Workstation SKUs
Across 3 Use Cases

Core+Pro
Tier Options
Pilot to Production

100%
Made in India
Quality Assured

Pan India
Support Network
SLA Committed

RDP Technologies Limited
Most Affordable, High Quality, On-Time Support

Contact Sales
sales@rdp.in
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Tell us your AI workload + GPU needs + team size

We will recommend the right GPU Workstation use case and best-fit configuration for your organization.

Email: sales@rdp.in

www.rdp.in/contactus

Use Case 1: AI Development & Model Experimentation

Dev Core: i7/R7, 64GB, RTX Mid, 2TB SSD

Dev Pro: i9/R9, 128GB, RTX High, 2TB SSD

Perfect for AI dev teams, notebooks, evaluation runs, pilot environments

Use Case 2: Computer Vision Build/Test

Vision Core: i7/R7, 64GB, RTX Mid VRAM, 2TB SSD

Vision Pro: i9/R9, 128GB, RTX High VRAM, 4TB SSD

Perfect for CV PoCs, detection/segmentation, video testing, multi-camera datasets

Use Case 3: Creator + Engineering Acceleration

Creator Core: i7/R7, 32-64GB, RTX Mid, 2TB SSD

Creator Pro: i9/R9, 64-128GB, RTX High, 4TB SSD

Perfect for content teams, 3D/video, AI-assisted creative workflows, design tools

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