Unlock the Power of Enterprise Al

Full-Stack Solutions Accelerate AI Deployment

Are You Ready for Enterprise AI? Al and emerging GenAl technologies are disrupting the status quo, prompting enterprises

to accelerate their Al initiatives. However, many organizations report being unprepared to address the infrastructure and other requirements to support diverse Al use cases. To navigate these challenges, most enterprises are adopting a hybrid approach, utilizing diverse infrastructures across datacenters, the edge, and the cloud.

use cases based on public data

Public cloud shared LLMs and

LLMs and use cases based on sensitive or proprietary data

Dedicated platforms for turning

distributed use cases

Edge inference for

and workflow integrations

Hybrid and multicloud for

shared access to data storage



disrupt their competitive positioning and operating models within 18 months

said that GenAI will significantly



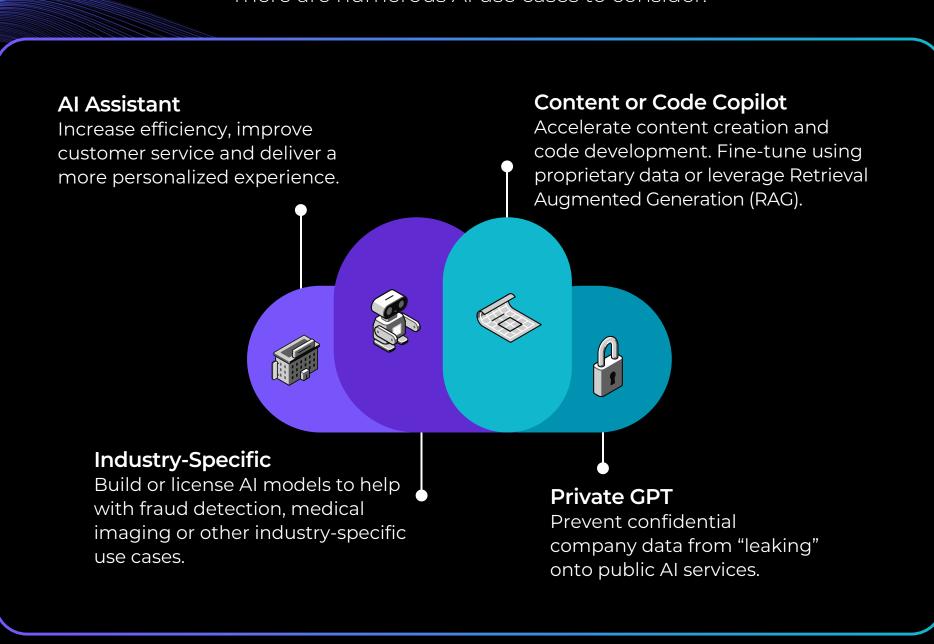
need to modernize infrastructure for Al

52%

believe they will

There are numerous Al use cases to consider:

Popular Enterprise Al Use Cases



solutions to public cloud and full-stack offerings. Informed decisions can help reduce upfront CapEx and manage development costs.

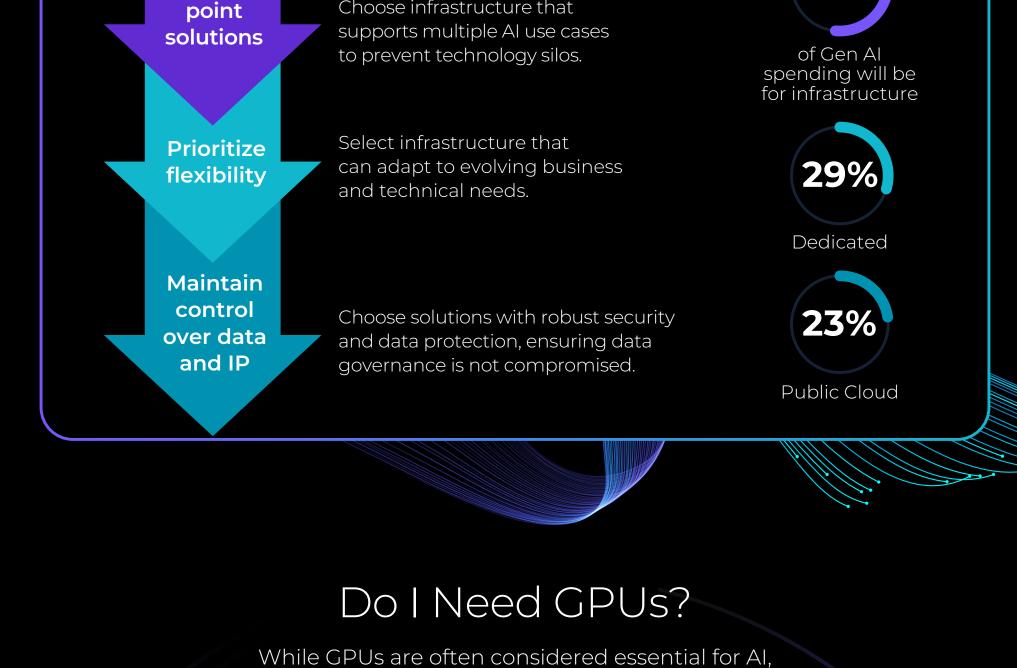
Choosing Al Infrastructure

Infrastructure is the largest GenAl expense, with options ranging from build-your-own

Guidelines for avoiding common pitfalls:

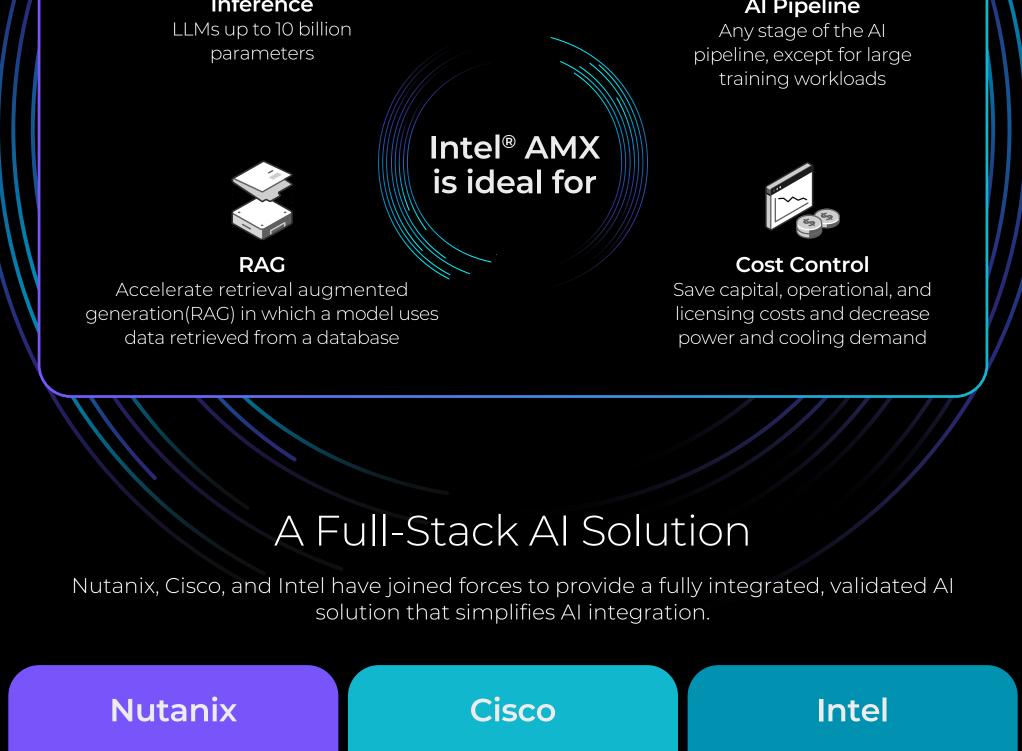
Choose infrastructure that

Avoid



many models can function effectively with CPUs alone.

Intel® Advanced Matrix Extensions (AMX), built into Intel® Xeon® Processors 4th Generation and later, supports Al inference for smaller GenAl models without GPUs.



Cisco UCS **Nutanix Cloud Platform** Intel® Xeon® Processors A complete infrastructure A unified computing system The latest Xeon processors with Intel® AMX are featured that brings together

compute, networking,

and storage to power

your applications.

Intersight

IT operations platform

that can see, control,

GPT-in-a-Box A full-stack AI platform for building and deploying Al applications with full control over data and

platform for VM and

container operations across

datacenters, edge, and

public cloud.

infrastructure.

and automate HCl at a global scale.

Broad Portfolio Intel® Xeon® Processors address diverse Al workload

needs, boosting

in Cisco UCS and optimized

for Nutanix GPT-in-a-box, enhancing AI performance.

performance, energy efficiency, and security.

Solution Benefits

other workloads Simplifies end-to-end

One unified

platform for AI and

teamwork Hillianon Ideal for datacenter

Collaborative

support strengthens

Optimizes performance by storing valuable

Integrates Al

into mainstream

IT operations

operations with

Prism and Intersight

and edge

environments

data on clusters

Ready to Find Out More?

See why IDC believes that a full-stack AI solution with CPU acceleration is key to overcoming Enterprise AI challenges.

Read the IDC White Paper

NUTANIX