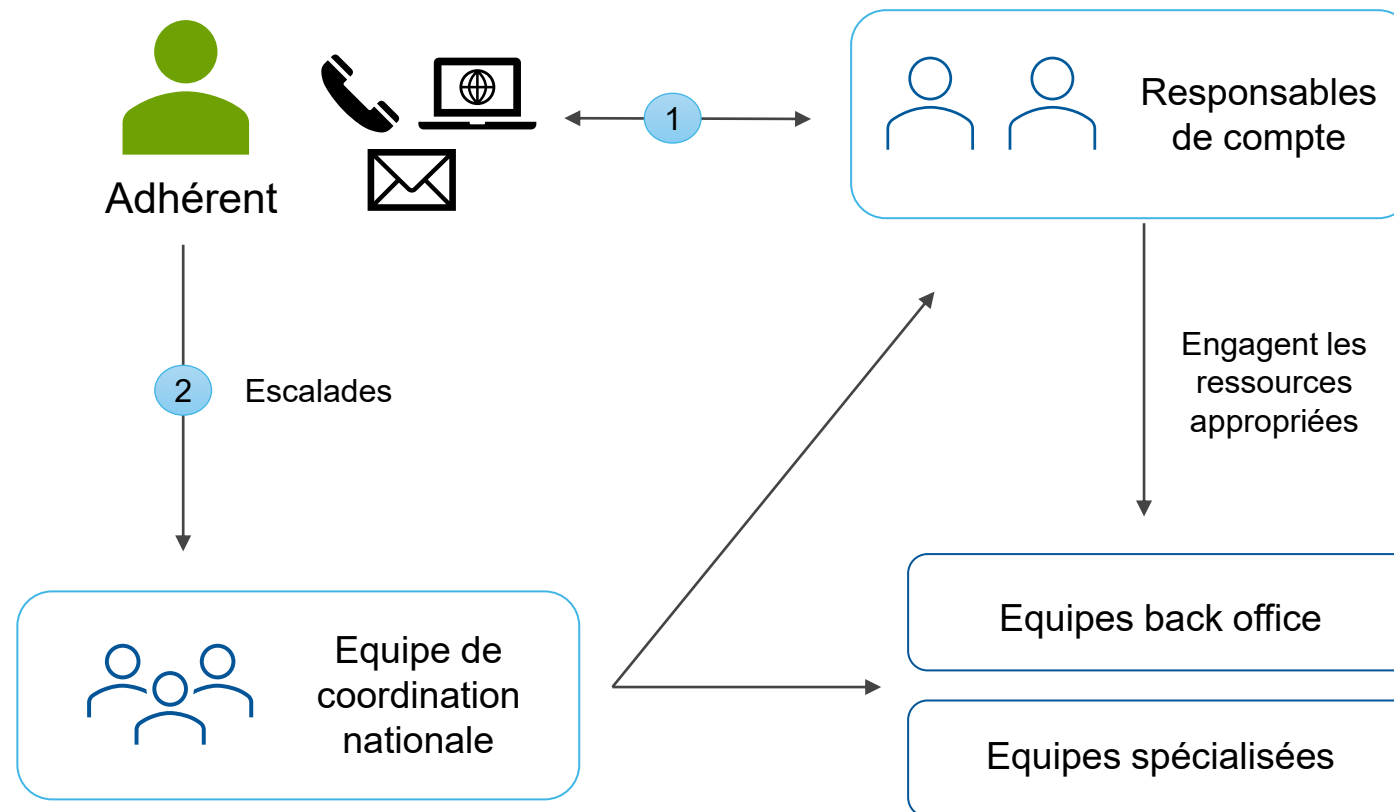


Présentation Resinfo à Sète



Equipe de coordination nationale



Coordonnées et moyens de contact

L'équipe de coordination est joignable via l'adresse email: Coordination.matinfo@dell.com

SLA de réponse : 4 heures

Equipe de coordination nationale

Une équipe expérimentée, 100% dédiée au marché Matinfo, afin d'en garantir l'animation et la bonne exécution.



Marion PEIX
Coordinatrice Nationale

- Interlocuteur privilégié du COSU, son rôle est d'assurer le pilotage, l'animation, le suivi et la bonne exécution de l'accord cadre.



Sylvain BISCARLET
Référént Produit

- Il est le point de contact unique du COSU pour les questions relatives aux produits. Il coordonne et engage les experts dédiés à l'environnement infrastructure.



Nicolas MOREL
Référént e-commerce

- Responsable du portail E-commerce, il est l'interlocuteur privilégié du COSU et des bénéficiaires pour tous les sujets liés au portail web.



Olivier COULET
Référént Support Technique

- Il coordonne l'équipe des Technical Customer Success Manager (TCSM) en charge des escalades liées au support technique.



Bénédicte McCOY
Référénte RSE

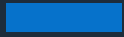
- Supervise et met en œuvre les objectifs et stratégies de responsabilité sociale de Dell Technologies en lien avec les prérequis du marché Matinfo.



Noëlle TRINANES
Référénte RRH

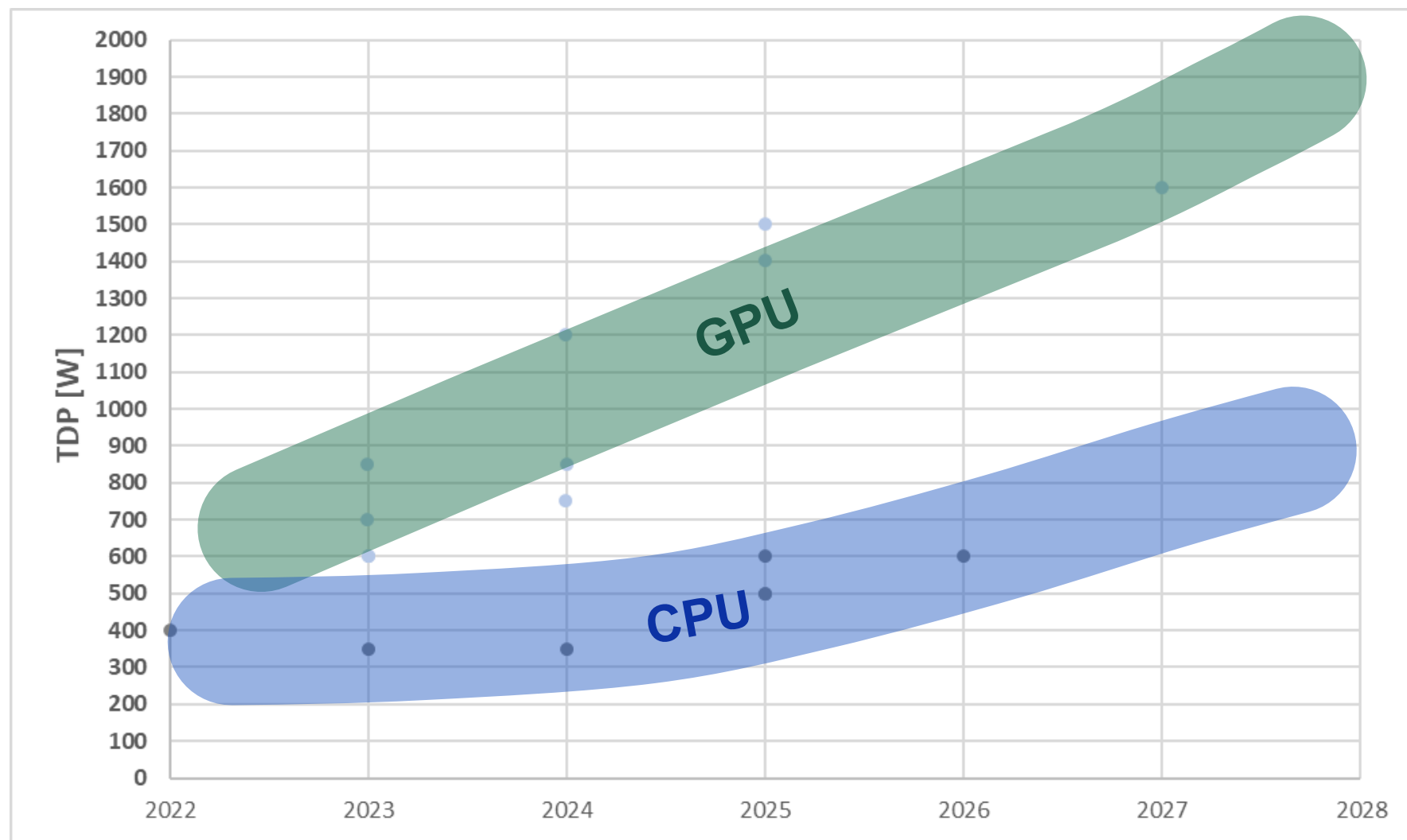
- Interlocuteur privilégié du COSU quant au suivi de la clause de lutte contre le décrochage scolaire ainsi que le correspondant opérationnel pour le suivi de la clause d'insertion sociale.

PowerEdge



Technology Trends

Tendance GPU et CPU



Growing Space constraints and Power requirements

- CPU size increase and additional number of Memory channels results in higher CPU TDPs, and space constraints within servers
- Growth in GPU TDPs and with higher CPU TDPs necessitate new solutions for cooling
- Rack level infrastructure and super pods expected to be future of infrastructure solutions

Over Next 2 generation of servers



Intel CPU size increase



AMD CPU size increase



Memory channels growing from 8 to 16



Max CPU TDP expected to grow to ~500W from ~350W



Max GPU PCIe CEM TDP expected to grow to ~900W from ~350W



Max GPU SXM/OAM TDP expected to grow to ~1400W from ~750W

- Direct Liquid to Chip cooling necessary for highest TDP GPUs
- Workloads for 8-way SXM/OAM super pods eventually move to multi-node scale-up solutions
- ORv3-based rack infrastructure becomes direction for some workloads:
 - Very Large AI Training
 - Dense High TDP GPU and CPU Compute

Faster technology refresh

- Faster pace of newer generation CPUs
- Introduction of CPUs and GPUs by multiple vendors
- Adoption of new technology enablers
 - DDR5
 - CXL Memory
 - PCIe Gen 5
 - EDSFF E3.S
 - Smart NICs
 - M-CRPS Power supplies
- DC-MHS enables faster time to market

Purpose-built to provide choices with Silicon Diversity

					
	R470	R670	R6715	R6725	
					
	R570	R770	R7715	R7725	
CPU	Intel	Intel	AMD	AMD	AMD
GPU	NVIDIA/AMD/Intel	NVIDIA/AMD/Intel	NVIDIA/AMD/Intel	NVIDIA/AMD/Intel	NVIDIA/AMD/Intel
					
	XE7740/XE7745	XE9780(L)/XE9785(L)	XE9680(L)/XE9685L	XE9712* GB200 NVL72	XE8712* GB200 NVL4 Dense
CPU	Intel/AMD	Intel/AMD	Intel/AMD	NVIDIA	NVIDIA
GPU	PCIe NVIDIA/Intel	NVIDIA/AMD	NVIDIA/AMD/Intel	NVIDIA	NVIDIA

*subject to change

PowerEdge Management Portfolio

iDRAC

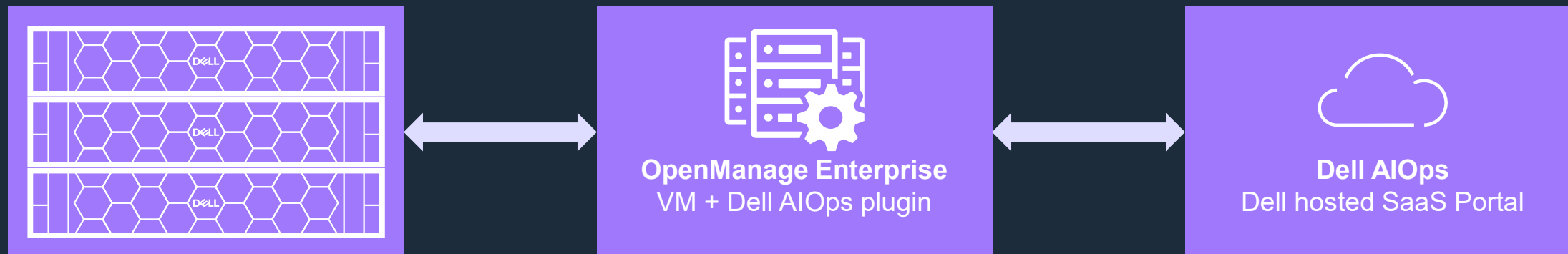
One-to-one out-of-band Baseboard Management Controller on each PowerEdge server.

OpenManage Enterprise

One-to-many on-premises systems management and automation.
Aggregator for Dell AIOps
Observability data

Dell AIOps

A single pane of glass for providing AIOps analytics, recommendations, Cybersecurity policies and management for globally connected Dell infrastructure.



Next-Gen CPU Overview

Multi-vendor chip manufactures offering the best solutions for all workloads.

Solutions for workloads in Mainstream Enterprise, AI/ML inferencing, Dense Virtualization, Data Analytics, HPC/HFT, Design and Simulation balanced by versatile and entry-level offerings.

Leading-edge architectures offer higher performance, improved power efficiency, expanded memory and richer storage configurations.

Trusted performance, exceptional efficiency.

Next-Gen Processors, the Best Solutions for all Workloads

AMD EPYC

Turin

- 1S & 2S
- Up to 192 cores
- Up to 500W TDP
- DDR5: Up to 6400 MT/s
- Advanced I/O: Up to 128 lane PCIe 5.0/CXL 2.0
- Multi-threaded

Intel® Xeon® 6

Efficiency E-Core SP (Sierra Forest)

- 1S & 2S
- Up to 144 cores
- Up to 330W TDP
- DDR5: Up to 6400 MT/s
- Advanced I/O: Up to 88 lanes PCIe 5.0/CXL 2.0
- Single threaded

Performance P-Core SP (Granite Rapids)

- 1S & 2S
- Up to 86 cores
- Up to 350W TDP
- DDR5: Up to 6400 MT/s
- Advanced I/O: Up to 88 lanes PCIe 5.0/CXL 2.0; Rich I/O SKUs up to 136 lanes
- Multi-threaded

Next-Gen Memory Overview

- Higher speed offering with DDR5 technology along with the following improvements
 - Memory bus speeds of 6400MT/s and above expected,
 - Single bit error correction in DRAM die
 - Support for up to 32Gb density DRAM
 - Enhanced data integrity feature
- Scalability for multi-core workload
- Post package repair now available

Latest Memory Technology, higher speed & bandwidth

DIMMs Capacities

DDR5 (16Gb/ 24Gb/ 32Gb density, 6400MT/s)

- 16GB RDIMMs
- 32GB RDIMMs
- 64GB RDIMMs
- 96GB RDIMMs
- 128GB RDIMMs
- 256GB RDIMMs

DIMMs per System

- Intel Sierra Forest/Intel Granite Rapids
 - 2 socket servers up to 32 DIMMs
 - 1 socket servers: up to 16 DIMMs
- AMD Turin
 - 2 socket servers: 24 DIMMs
 - 1 socket servers: 24 DIMMs

6400MT/s Max Memory Bus

- Higher memory bus speed
- Intel Xeon 6
 - Max CPU memory bus speed is up to **6400MT/s**
- AMD Turin
 - Max CPU memory bus speed is up to **6400MT/s**

MRDIMM 8800 MT/s will be available later this year

Network Adapters

- Broad multi-vendor portfolio offering connectivity for most popular ethernet speeds from edge networks to GPU fabric
- Utilizing channel-based hardware portfolio for network adapters. Choose from validated firmware/software updates from Dell Technologies or use vendor released updates to fit your IT needs

Stay connected with Dell's networking adapter portfolio on PowerEdge servers

Vendors	Speeds	Port Count	Notes
OCP 3.0 NIC form-factor			
Broadcom / Intel	1GbE (Base-T)	4	
Broadcom / Intel	10GbE (Base-T)	2 / 4	
Broadcom / Intel / Nvidia	25GbE (SFP28)	2	
Broadcom / Intel	25GbE (SFP28)	4	
Broadcom / Intel / Nvidia	100GbE (QSFP56)	2	
Intel* / Nvidia*	200GbE (QSFP56)	2	
Broadcom	200GbE (QSFP112) -or-	2	Ethernet option for AI GPU traffic
	400GbE (QSFP112)	1	
PCIe form-factor (Available in both FH and LP)			
Broadcom / Intel / Nvidia	100GbE (QSFP56)	2	
Intel / Nvidia	200GbE (QSFP56)	2	
Broadcom	200GbE (QSFP112) -or-	2	Ethernet option for AI GPU traffic
	400GbE (QSFP112)	1	
Nvidia	Infiniband NDR VPI (OSFP112)	1	Available as Infiniband or Ethernet
Broadcom / Marvell	FC32	2	
Broadcom / Marvell	FC64	2	

* Not available at launch, release timing under consideration

GPU Accelerators

Broad multi-vendor portfolio catering to applications ranging from the Cloud to Core to Edge

Solutions for targeted workloads in Gen AI, ML/DL, HPC, VDI, Data Analytics balanced by versatile and entry-level offerings to boost utilization, help the AI journey

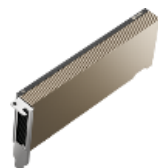
Leading edge technology ingredients in core & memory architecture, fabrication technology, air and liquid cooling, interconnect bandwidths to deliver breakthrough performance

Growing ecosystem of frameworks, GPU- accelerated libraries that are optimized & ready-to-deploy and the necessary development tools

Accelerate insight and innovation with Dell's GPU portfolio on PowerEdge servers

	NVIDIA	AMD	Intel
PCIe Adapter form-factor	A2 16GB L4 24GB A16 64GB L40 48GB L40S 48GB RTX6000 96GB BSE H100 NVL 94GB H200 NVL* 141GB	MI210 64GB	Flex 140 Gaudi 3 128GB
OAM form factor	HGX H100 80GB HGX H100 94GB HGX H200 141GB Nvidia HGX B200 Up to 192GB Nvidia HGX B300 Up to 262GB	MI355X 288GB	Gaudi 3 128GB

PCIe Adapter



PCIe with 2-way Bridge



8-way SXM / OAM Baseboard



Présentation de la gamme Matinfo 6 - Lot 4



Catégorie 1

Serveur Edge / Tour

*Serveur edge
Serveur tour*



Edge Gateway 3200& 5200



PowerEdge XR5610



PowerEdge XR7620



PowerEdge T160



PowerEdge T360



Catégorie 2

Serveurs Rackables et évolutifs

Serveur mono-socket

Serveur bi-socket

Serveur performant orienté stockage

Serveur quadri-socket ou plus



PowerEdge R360



PowerEdge R660xs / R660
PowerEdge R6615 / 25
PowerEdge R6715 / 25
PowerEdge R470 / R670



PowerEdge R760xs / R760
PowerEdge R7615 / 25
PowerEdge R7715 / 25
PowerEdge R570 / R770



PowerEdge R760xd2



PowerEdge R860 / R960



Catégorie 3

Serveurs HPC

Serveur de calcul haute-densité



PowerEdge C6620



Catégorie 3

Serveurs HPC

Serveur de calcul avec accélérateurs



PowerEdge R760xa



Catégorie 4

Serveurs modulaires

Châssis

Serveur lame



PowerEdge MX7000



PowerEdge MX760c



Catégorie 5

Infrastructure de stockage

Stockage attachement direct (SAS)

Baie de stockage SAN

Baie de stockage NAS



PowerVault MD2412
PowerVault MD2424
PowerVault MD2460
PowerVault ME584



PowerVault ME5212
PowerVault ME5224
PowerVault ME5284



Unity 380XT / 480XT / 680XT / 880XT



PowerStore 500T / 1200T / 3200T

DELLTechnologies

Extensions communes

*Prestations de services
Rack et Accessoires
Switchs réseau
Switchs Fiber Channel
Switchs Faible latence
Logiciel de sauvegarde
Baie de sauvegarde*



KVMs, Rack, PDUs & Onduleurs



PowerSwitch – 1Gb à 400Gb



Connectrix FC64 – Brocade



Faible Latence – Nvidia / Cornelis Network

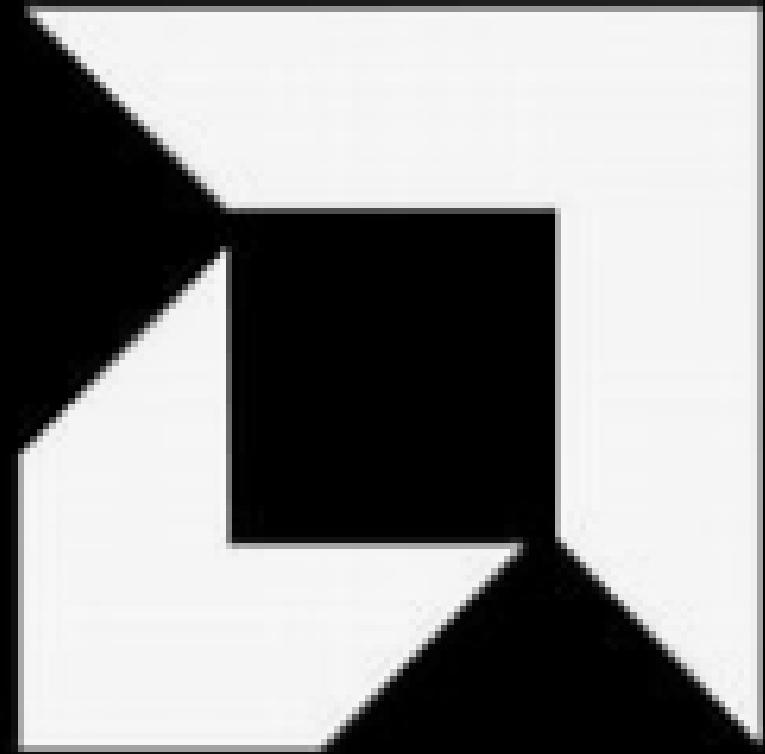


PowerProtect DataManager
PowerProtect DataDomain

Offres ProSupport Infrastructure Matinfo

	Offre de base: ProSupport One	En option : ProSupport Plus
Disponibilité du support technique et objectif de réponse	24x7, immédiat	24x7, immédiat
Produits couverts	Matériel et logiciel	Matériel et logiciel
Niveau de service des interventions sur site	NBD / en option 4H	Sous 4 heures
Accès prioritaire à des ingénieurs de support à distance de niveau 2	●	●
Conseils de sécurité Dell	●	●
Détection proactive des problèmes avec création automatisée d'incident	●	●
Support pour certains logiciels tiers	●	●
Accès aux mises à jour logicielles	●	●
MyService360 / TechDirect / Secure Connect Gateway / API	●	●
Incident Manager pour les problèmes de gravité 1	●	●
Technical Customer Success Manager	●	●
Support Mission Critical Enhanced		●
Maintenance proactive du système		●
Keep Your Hard Drive / Keep Your Component	En option	En option

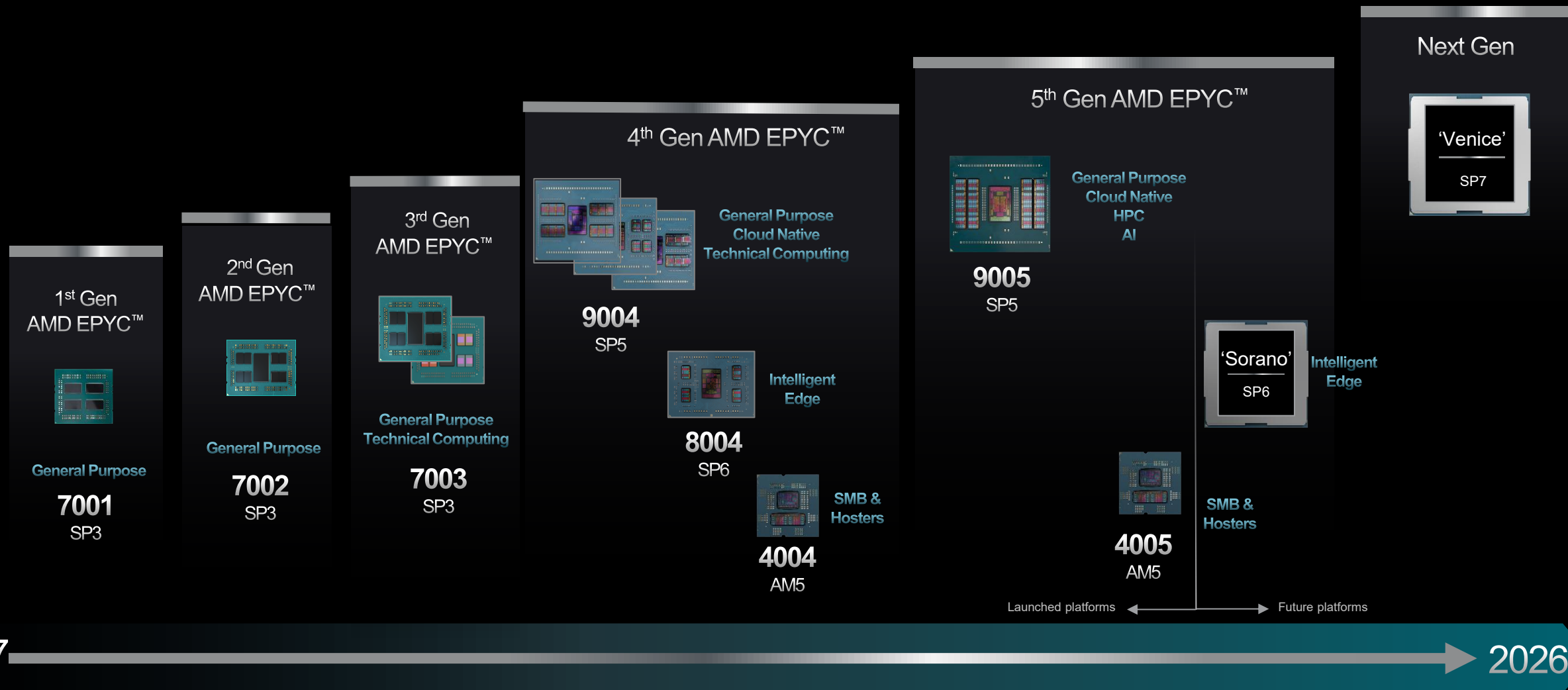
**PowerEdge
AMD EPYC
SERVEURS**



AMD

AMD EPYC™ SERVER CPU ROADMAP

Relentless Technology Innovation



ALL ROADMAPS ARE SUBJECT TO CHANGE
SEE ENDNOTES: GD-122

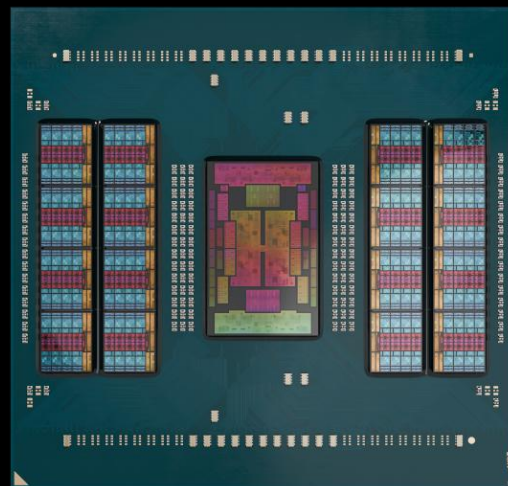
5th Gen AMD EPYC™ Generational Innovations

Compute

- “Zen5” up to **128 cores** / 256 threads
- “Zen5c” up to **192 cores** / 384 threads
- AVX-512 with **full 512b data path**
- New **500W** performance option
- Faster **5GHz** options
- **3/4nm** Zen cores

I/O & Platform

- 2P and 1P Configurations
- Up to 160 lanes of PCIe® Gen5
- **PCIe link encryption**
- SP5 Compatible with “**Genoa**”
- **CXL® 2.0¹**



Memory

- 12 ch. DDR5 ECC **up to 6400 MT/s**
- Up to 2 DIMMs/channel capacity delivering up to **6TB/socket**
- **Dynamic Post Package Repair** (PPR) for x4 and x8 ECC RDIMMs

Security

- Hardware Root-of-Trust
- **Trusted I/O**
- **FIPS 140-3 in process**

1 - CXL Type 1&2 devices and PCIe link encryption support dependent upon ecosystem readiness
See endnotes 9xx5-048, 072, 083, GD-183A

AMD POWEREDGE™ PORTFOLIO

POWERED BY AMD EPYC™ AND INSTINCT

MatInfo
6

M7725
C6615
Telco/Edge
Data Analytics
HPC

XE9785/L
XE7745
AI / ML / DL

R7725
R7625
Data Analytics
All Flash SDS
VDI

R6725
R6625
HPC
Dense VDI
Virtualization

R6715
R6615
Virtualization
HCI
NFV

R7715
R7615
Data Analytics
Virtualization
SDS

DELLTechnologies
PowerEdge



AZURE
STACK HCI
AX-7525

VSAN READY
NODES™
All 16G & 17G
Rack

VXRAIL™
VE-6615
VP-7625

DELL VALIDATED
DESIGNS
Horizon®/Citrix®
HPC and AI
SQL & Oracle
Data Lakehouse
OpenShift
AI Factories



DELLTechnologies
PowerEdge

POWERFLEX
R6625
R7625
Compute-Node

NUTANIX™
XC-7625

STORAGE
R7725XD

YOUR INNOVATION ENGINE

*Technology and solutions that help you **innovate**, **adapt**, and **grow***

MERCI

