Welcome

Jose Cano, Global Head of IR



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Agenda

Welcome	Jose Cano, Global Head of IR
The Next Leader of Connectivity for Al	Tony Pialis, Co-Founder and CEO
Al and Data Centre Megatrends	Tony Chan Carusone, CTO
Silicon IP	Jonathan Rogers, Co-Founder and SVP Engineering
Path to Billions	Charlie Roach, Chief Revenue Officer
Break	
IP, Chiplets and Custom Silicon	Mohit Gupta, SVP & GM Custom Silicon and IP
Connectivity Products – Multi-Billion Dollar Market	Babak Samimi, SVP & GM Connectivity Products
Financial Overview	Rahul Mathur, Chief Financial Officer
Closing Remarks	Tony Pialis, Co-Founder and CEO
QA Session	Executive team



Safe Harbour

Certain statements included herein may constitute forward-looking statements within the meaning of the securities laws of certain jurisdictions. Certain such forward-looking statements can be identified by the use of forward-looking terminology such as "believes", "expects", "may", "are expected to", "intends", "will", "will continue", "should", "would be", "seeks", "anticipates" or similar expressions or the negative thereof or other variations thereof or comparable terminology. These forward-looking statements include all matters that are not historical facts. They include statements regarding Alphawave IP Group Plc's ("Alphawave IP") intentions, beliefs or current expectations concerning, amongst other things, its results in relation to operations, financial condition, prospects, growth, strategies and the industry in which it operates. By their nature, forward-looking statements involve risks and uncertainties because they relate to events and depend on circumstances that may or may not occur in the future. Forward-looking statements are not guarantees of future performance and Alphawave IP's actual results of operations, financial condition, and the development of the industry in which it operates, may differ materially from those made in or suggested by the forward-looking statements contained in this Presentation. In addition, even if Alphawave IP's results of operations, financial condition, or the development of the industry in which it operates are consistent with the forward-looking statements contained in this Presentation, those results or developments may not be indicative of results or developments in subsequent periods. Important factors that could cause those differences include, but are not limited to customer demand, Alphawave IP's innovation and R&D and technology capabilities, target market trends, industry trends, customer activities and end-market trends, market acceptance of Group technologies; increased competition; macroeconomic conditions; changes in laws, regulations or regulatory policies; and timing and success of strategic actions. These forward-looking statements speak only as of the date of this Presentation. As such, undue reliance should not be placed on forward-looking statements. Other than in accordance with legal and regulatory obligations, Alphawave IP undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.



The Next Leader of Connectivity for Al

Tony Pialis, Co-Founder and CEO



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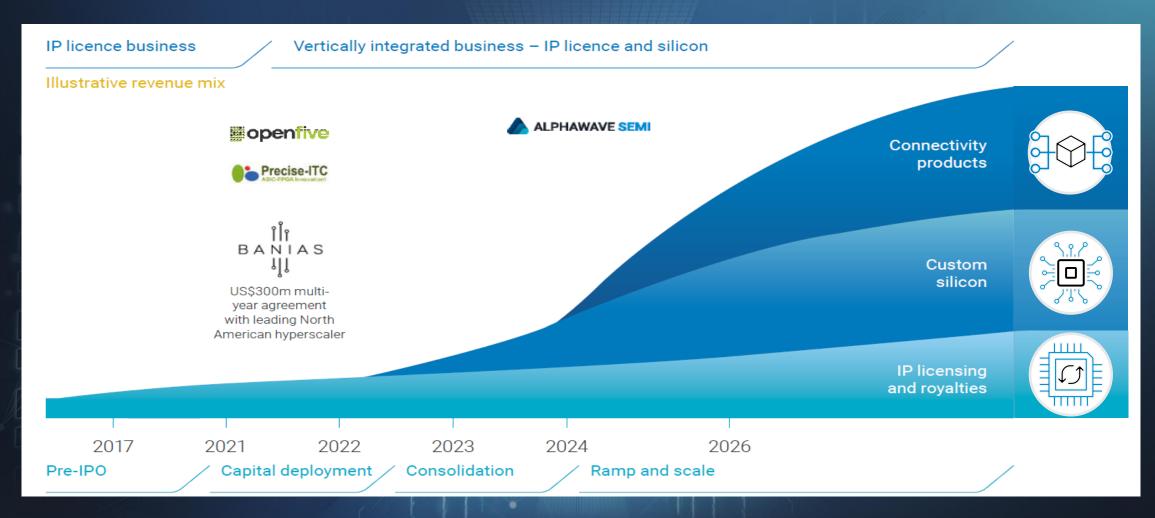
Leadership in Connectivity and Compute



Ultra-high-speed data connectivity for AI, compute and network architectures



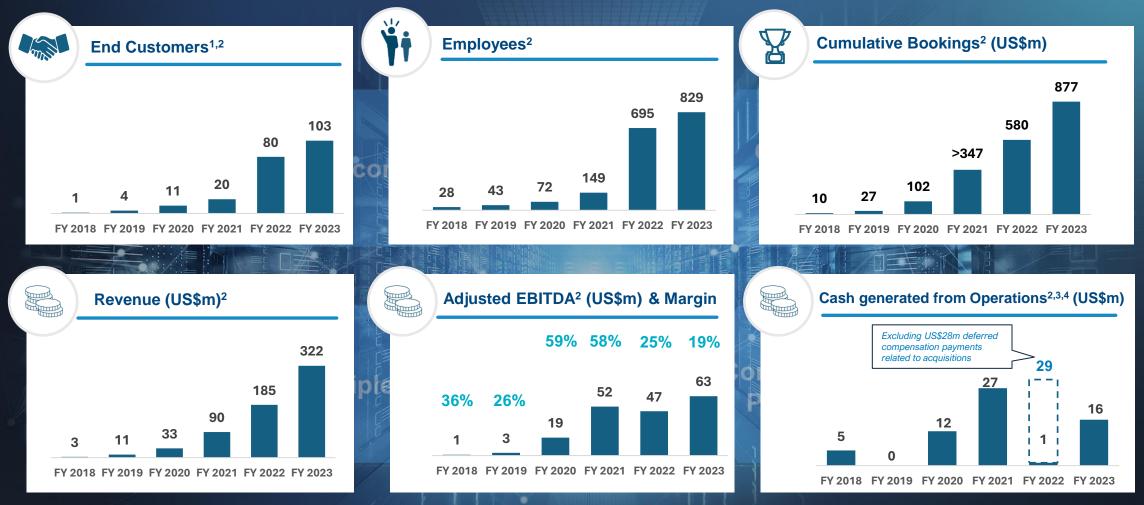
Delivering on our Vision: Leading Connectivity for AI and the Data Centre



Alphawave's technology leadership and track record since 2017 underpins our future growth



We Have Delivered Strong Growth Since Founding the Company in 2017



2024 is the year where we <u>accelerate</u> our growth as a vertically-integrated business



- Revenue generating customers.
- P. FY 2018 as per IPO prospectus. FY 2023 includes backlog adjustment
- B FY 2022 has been restated
- 4 FY 2023 cash generated from operations restated to reflect capitalisation of interest incorrectly included in both interest payable and capitalised development expenditure in the FY 2023 cash flow statement

Leadership in Connectivity and Compute



Ultra-high-speed data connectivity for AI, compute and network architectures



Relentless Growth in Data Consumption

Al at an Inflection Point

ChatGPT2.0

1.5 billion parameters 40GB data

parameters ChatGPT3.0

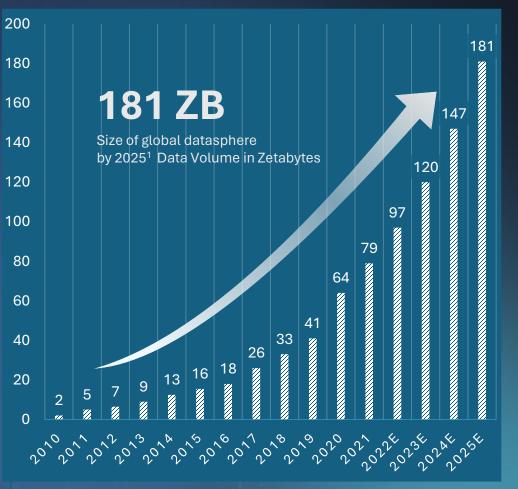
175 billion parameters 45TB data (one million feet of bookshelf space)

ChatGPT4.0 trillion

Text + Images

Completed in the 88th percentile of the LSAT

6-months prior, ChatGPT3.5 scored in the 37th percentile for the LSAT

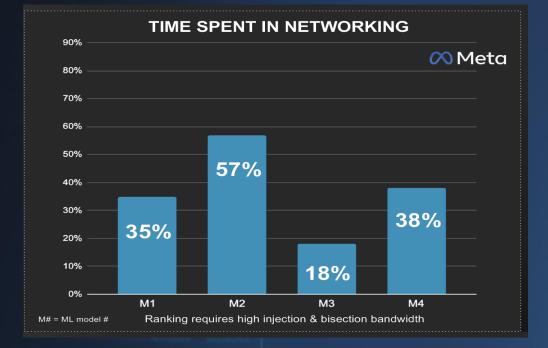


¹ The Data Centre Journey, From Central Utility To Centre Of The Universe (semiengineering.com). Source Statista See slide 93 for all other references

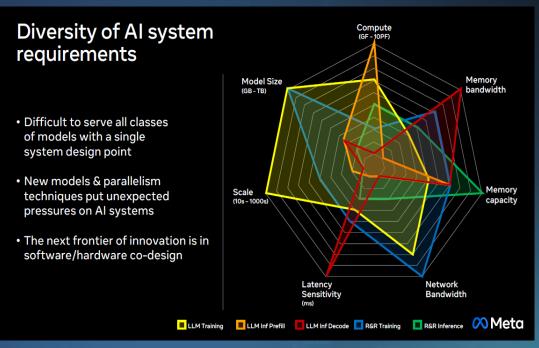


... Drives Challenges for AI and The Data Centre

Connectivity



Custom Compute



Source AI Summit : "Leading with Open" Meta

Al requires dedicated hardware with maximum communication bandwidth



Data Centre Infrastructure is Pushed to the Limits

General Purpose GPU FOR AI: Hitting Limits





Silicon limit -Compute has hit a wall Single training of Chat Gpt3 released 552 tons of CO2



\$100s of millions per training Investment Needed to Deploy ChatGPT Across Bing

\$4 billion

8 GPUs per server

20,000 servers \$10k-\$30k cost of each GPU

* Estimate from New Street Research

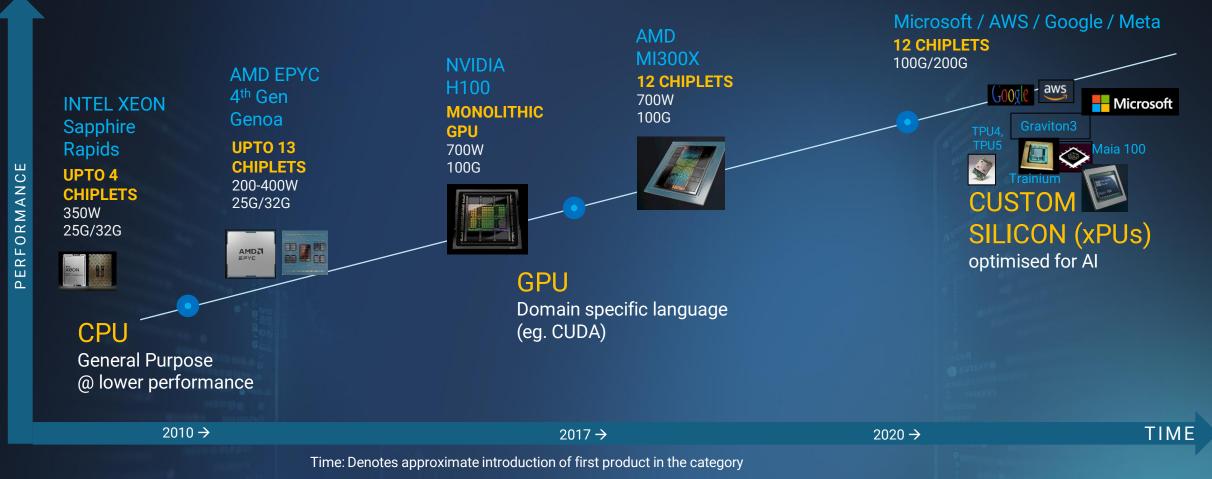
US Data Centres expected to consume 30GW incremental power by 2030



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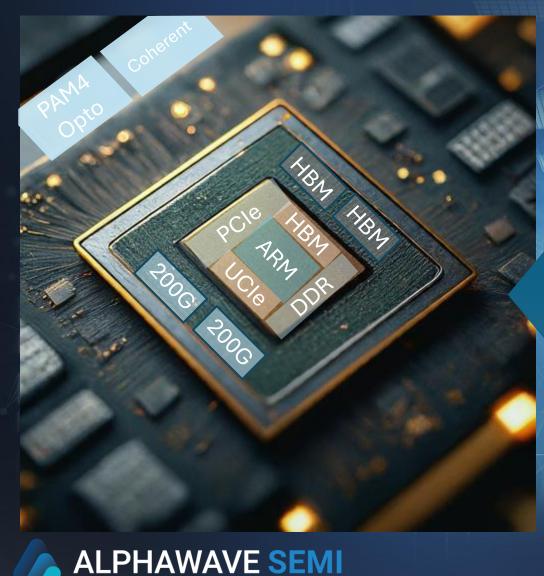
The Result: Evolution of Silicon for Al



Until now – No one solutions provider possessed all of the technology to enable silicon for AI



Alphawave Has The Complete Silicon Solutions Stack



Silicon IP

- PCle / CXL
- 224G / 112G Ethernet
- UCle / HBM

Custom Silicon

- 5nm, 4nm, 3nm and 2nm Nodes
- 2.5D and 3D advanced packaging
- ARM Total Design Partner

Chiplets

- IO Extender Chiplets
- ARM Neoverse Compute Chiplets
- Memory Chiplets

Connectivity Products

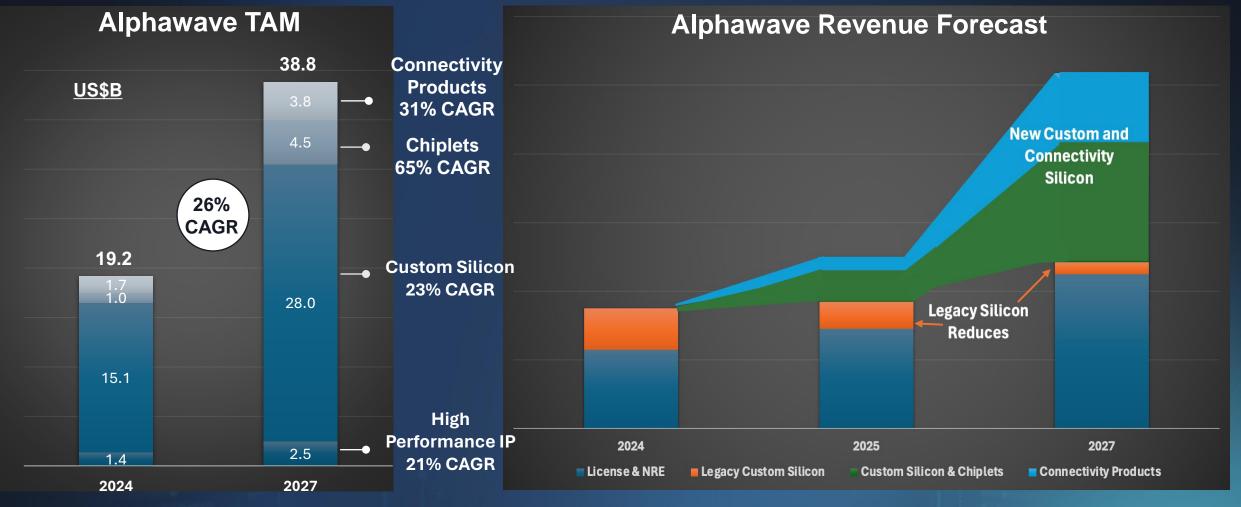
- PAM4, Coherent DSPs for 800G/1.6T Ethernet
- 112G, 224Gbps in silicon
- Going to 400G

Chiplets - Next Evolution of Silicon IP



Partnering with ARM to deliver a portfolio of Neoverse series compute and IO Chiplets ALPHAWAVE SEMI © All Rights Reserved. 14

Alphawave Accelerates the AI "Industrial Revolution"



More than \$1B of silicon revenue potential from existing wins



Strengthening our Leadership and Governance

Execution in 2023

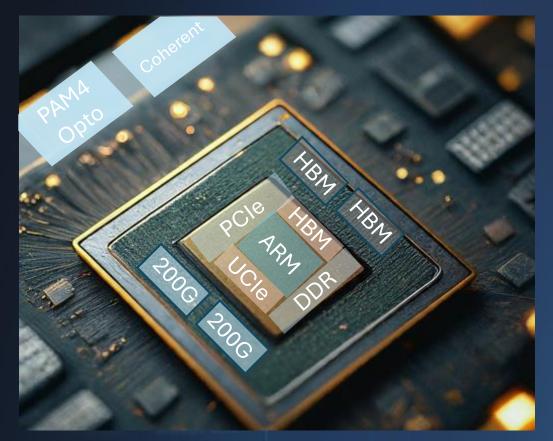
- Management Focus: Expanded and enhanced management team
 - Rahul Mathur: CFO
 - Charlie Roach: CRO + MARCOM
- Efficiency Focus: Began implementation of ERP system to drive more efficient integration
- Governance Focus: Began Board re-alignment to focus on core markets and capabilities



Execution in 2024 & Beyond

- Capital Structure Focus: Simplify our debt to maximise balance sheet strength while driving opportunities and flexibility
- WiseWave Equity Sale: Further strengthen balance sheet with WiseWave equity exit
- Governance Focus: Expand diverse Board capabilities in our key markets of AI and the Data Centre

Leveraging Our Core Strengths to Increase Value



- Delivering leading technologies to AI
 - Built via chiplets and powered by custom silicon
 - Connecting high bandwidth optical and electrical fabrics for Al
- Disciplined investment in R&D to fuel further growth in high-margin products

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 Expanding shareholder value through business delivery and balance sheet strengthening

We will deliver revenue at significantly enhanced scale, and at higher profit – Driving outsized shareholder value in 2024 and beyond ALPHAWAVE SEMI

Al and Data Centre Megatrends

Tony Chan Carusone, CTO



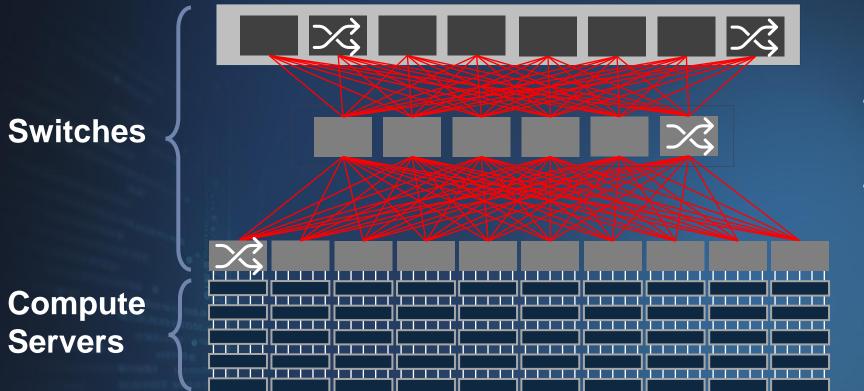
Leadership in Connectivity and Compute



Ultra-high-speed data connectivity for AI, compute and network architectures



Evolving Data Centre Connectivity Landscape

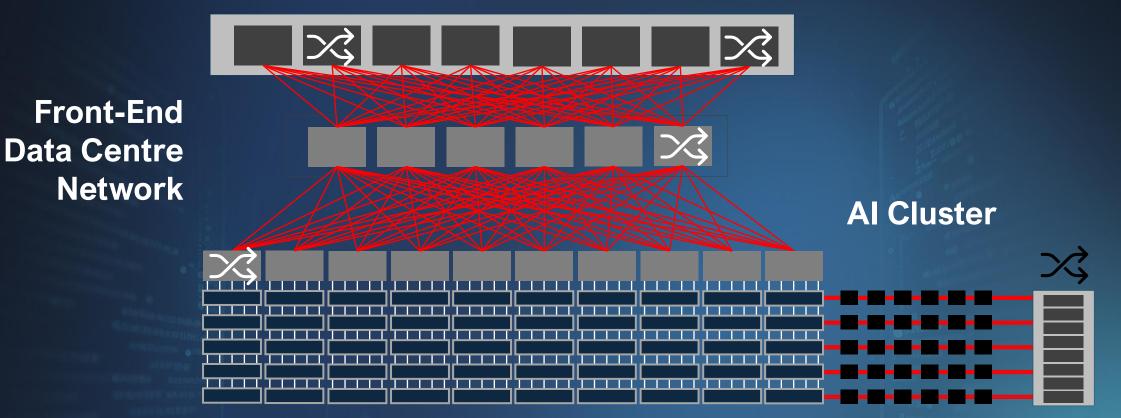


- Optical and electrical links
- Flexible and redundant networking

This evolution is accelerating and diversifying with AI deployment in the data centre



Proliferating Connectivity – AI in the Data Centre

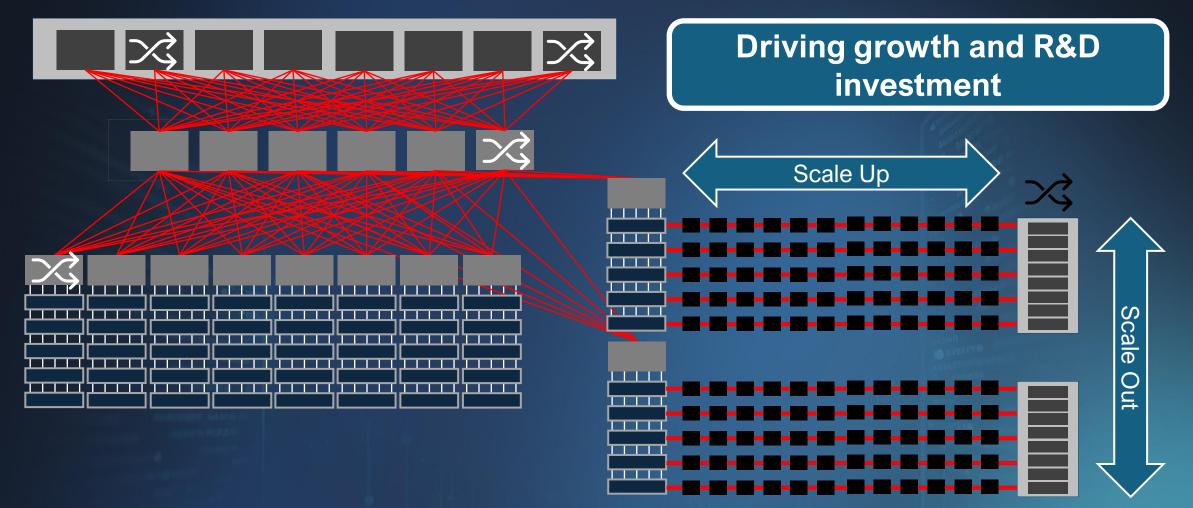


Back-End ML Network Low-latency & high-speed



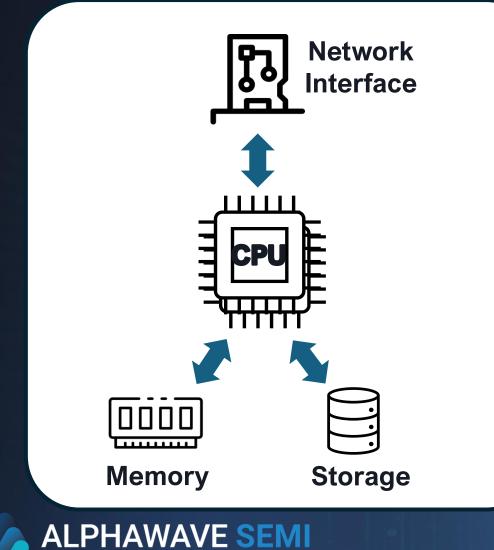
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Driving Large-Caliber Scaling Up and Scaling Out





Building the Modern Data Centre – Compute Nodes

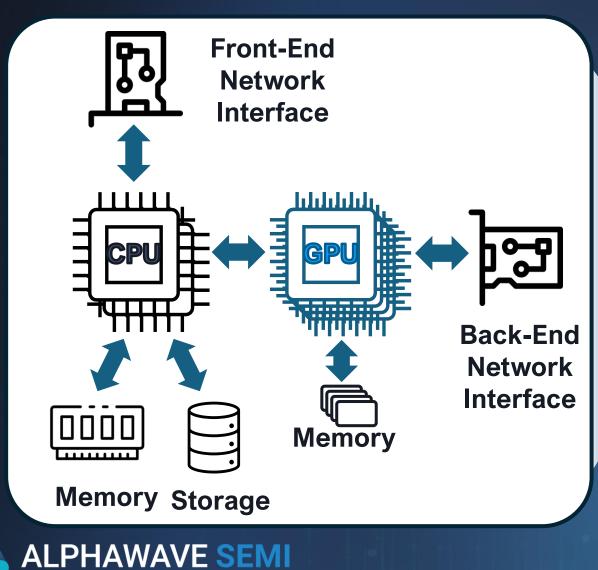


Traditional compute server

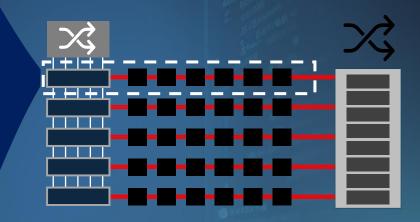


Compute Servers

Building the Modern Data Centre – AI Compute Nodes

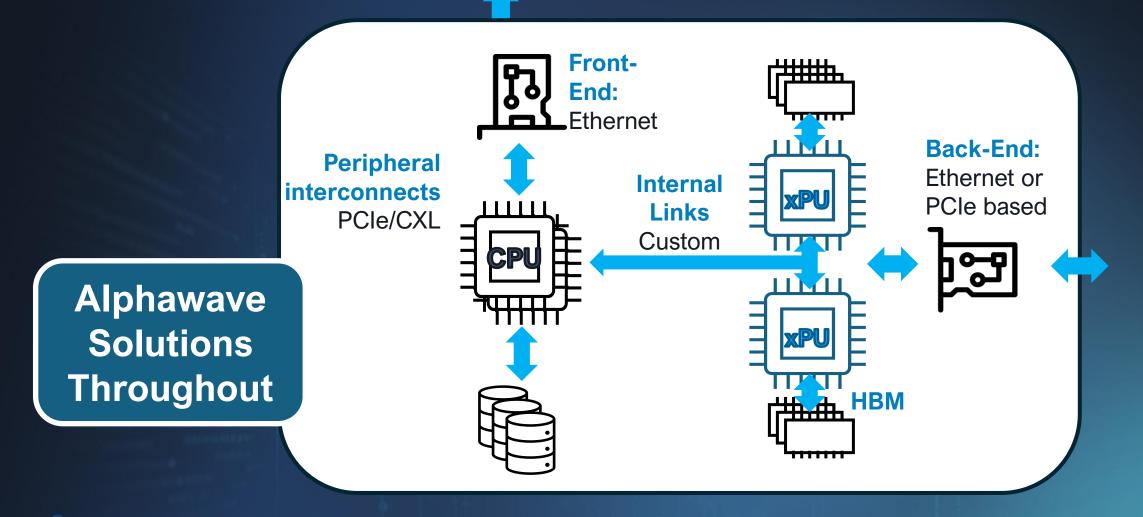


Evolved for AI



Back-End ML Network

Alphawave Delivers the Full AI Connectivity Suite





Accelerating the Cadence of Hardware Upgrades

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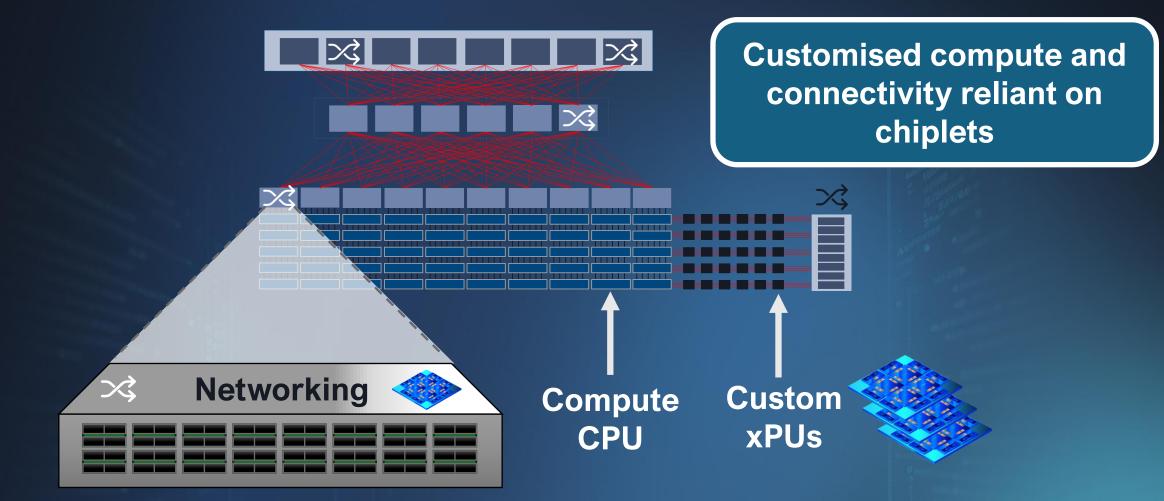
- Reduced design time
- Reduced risk

Positioned for the Chiplet Era





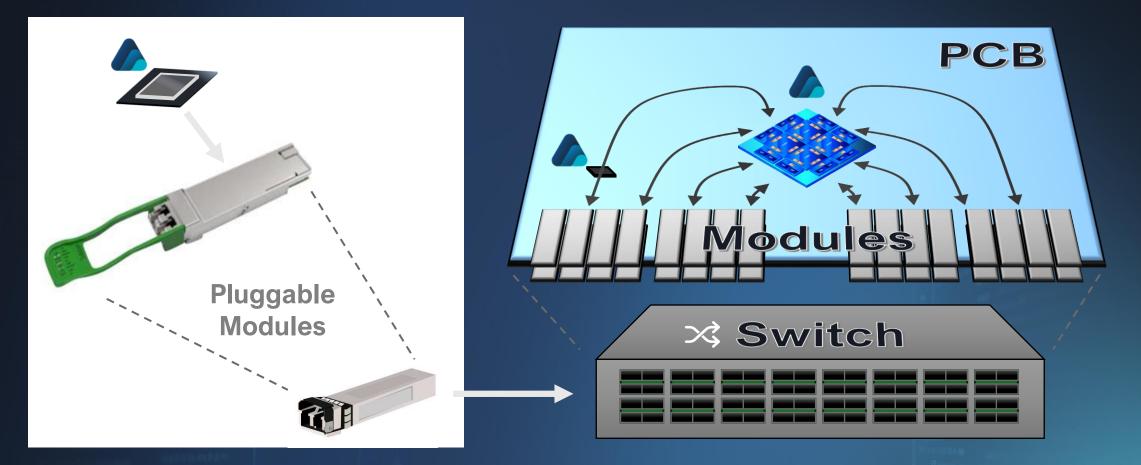
Delivering Custom Silicon in the Data Centre



This presents new challenges for the networking infrastructure



Alphawave has Solutions for These Networking Challenges

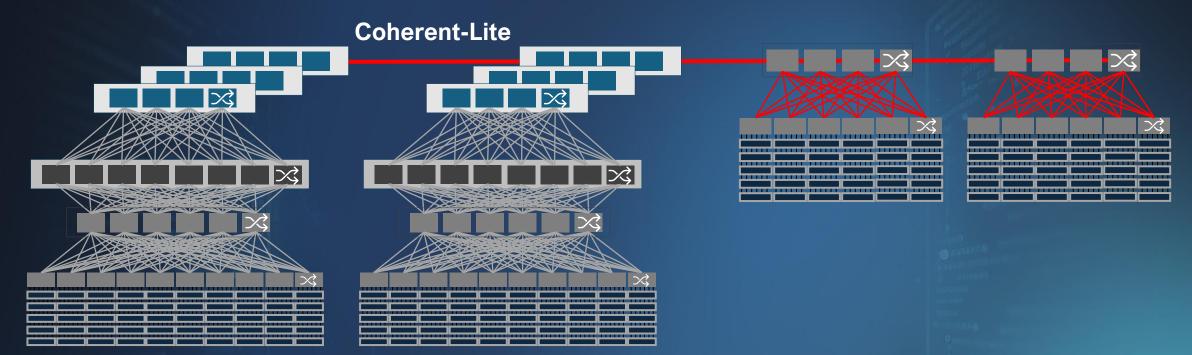


Industry-leading technology in volume deployment



Evolution of Distributed Compute Drives New Requirements

Al at the edge requires geographically-distributed compute with broadband connectivity



Future solutions are needed to address these new requirements



Alphawave is Investing in These Future Solutions





Alphawave is Expanding Technology Leadership



Alphawave's Al connectivity suite is enabling custom silicon:

• PCIe/CXL

• Ethernet

• UCle / HBM

Alphawave chiplets are scaling AI in composable compute and networking chips

Optics technologies are evolving to meet new demands



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Alphawave R&D

Jonathan Rogers, Co-Founder and Senior Vice President Engineering



Leadership in Connectivity and Compute



Ultra-high-speed data connectivity for AI, compute and network architectures



R&D Engine Powering our AI and Data Centre Connectivity Businesses

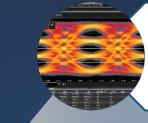




Leading experts in analog mixed-signal and DSP design

Team members with decades of experience building connectivity solutions



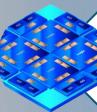


High-Speed Connectivity IP

- Data Rates up to 224Gbps
- Most advanced silicon processes
- Robust production track record

Driving Custom Silicon Business

• Full suite of proven differentiated IP subsystems for AI connectivity and compute challenges



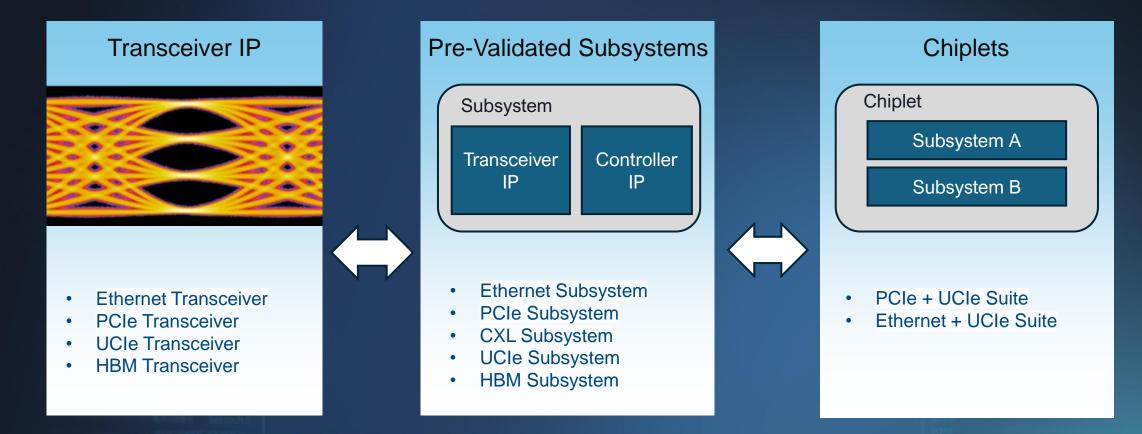
Chiplet Innovation

- 2.5D/3D advanced package expertise
- UCIe leaders at 32Gbps

Connectivity Products Directly driving optics from

- Directly driving optics from advanced CMOS
- WidEye[™] DSP

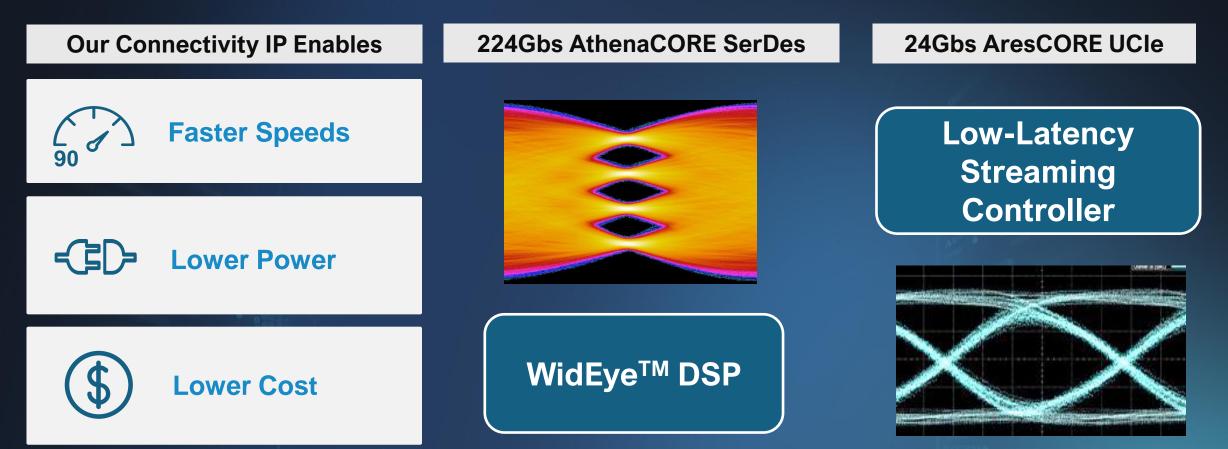
Driving Evolution of IP at Alphawave



Alphawave has the transceivers, controllers and pre-validated subsystems for the AI data centre



Building Differentiated Connectivity IP



Delivering higher speeds, better performance for less power and area



Path to Billions

Charlie Roach, Chief Revenue Officer



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Connectivity Technology Creates Value

Inphi Worldwide Sales 2012-2021

	Ecosystem moved from System Vendors to Hyperscalers	Focus 100% on connectivity (sell and acquire) \$1B mkt cap	Acquired custom silicon company Pulled into IP business.	
70% multisource memory buffers, 30% connectivity	40% buffers, 60% connectivity	First PAM4 DSP, Microsoft DCI (data centre interconnect)	PAM4 IP in switch/NIC, pulls PAM4 into module, then spreads	Acquisition by Marvell >\$10B
2012	2014	2016	2017	2021



Leadership in Connectivity and Compute

US Hyperscalers >50% of TAM



Ultra-high-speed data connectivity for AI, compute and network architectures



How Alphawave Wins: Technology Leadership

- For Hyperscalers, proven cutting edge connectivity technology wins
 - Connectivity of silicon from millimeters apart, to meters, and kilometers
 - Prefer technology from same company to de-risk mass deployment
 - Alphawave is the only complete connectivity supplier for IP, Custom Silicon, Chiplets and Connectivity products
 - Competition sells IP or silicon





Four Connected Entry Points for Alphawave



Silicon IP

High Performance Connectivity IP

o PCle/CXL

o Ethernet

o HBM

Chiplets

UCle[™] Enabled

- o IO Chiplet
- Memory Chiplet
- Compute Chiplet



Custom Silicon

- Spec to Silicon
 Capabilities
- Advanced 2.5D/3D
 Packaging
- Application Optimised
 IP Subsystems



Connectivity Products

IPAM4 and Coherent DSPs

Enables selling across the entire product portfolio – Directly or Ecosystem



Creating the Solutions Hyperscalers Specifically Request

Alphawave Is Working with the Entire Hyperscaler Ecosystem

			ARM
Module/Cable Vendors	Data Centre Compute	Silicon Fabs	Compute Architecture
 Copper and optical module vendors 	 AI, speciality processors and connectivity solutions 	 TSMC, Samsung and Intel 	 Compute architecture partners such as ARM

Hyperscalers Require Industry-Leading Standard Technology that is Customisable











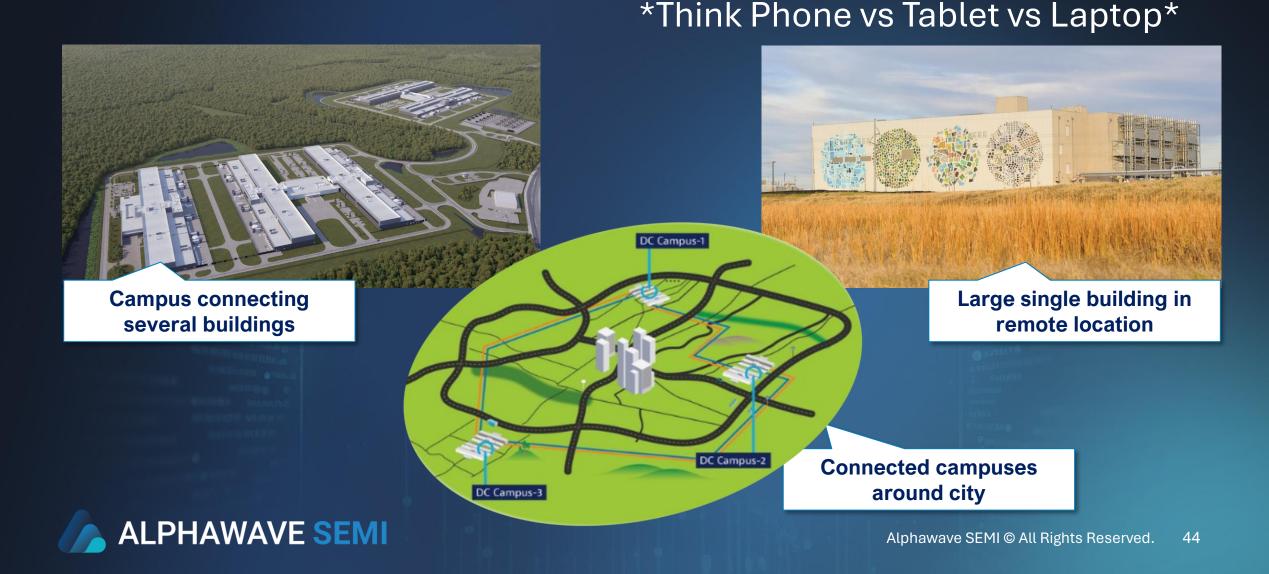
Google Cloud Platform



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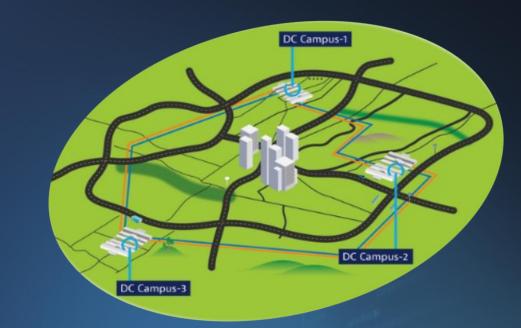
YouTube

Diversification of Data Centres



Use Technology Others Have Proven – DCI

- DCI (Data Centre Interconnect) Microsoft created the product category due to their unique application
- Now an industry standard called 400G and 800G ZR that all use







Hyperscalers Engage Smaller, Leading Technology Companies

- Flexible and responsive Willingness for risk Creativity
- Many of today's semiconductor companies' success can be traced to the development of solutions through early engagement with Hyperscalers
 - AI and compute
 - Switching
 - Module makers
 - Cable Vendors
 - Connectivity technology



Path to Billions

- Alphawave is aggressive Technology leadership in all forms of data movement
 - Planes, trains, and automobiles
- Business and product customised for Hyperscalers and the ecosystem
 - Will sell you just the engine or change to electric
- Delivering mission-critical connectivity and compute essential to the AI revolution



Break - Back in 20 min

Silicon IP

Chiplets



Custom

Silleon

Connectivity

Products

Agenda

Welcome	Jose Cano, Global Head of IR	
The Next Leader of Connectivity for Al	Tony Pialis, Co-Founder and CEO	
AI and Data Centre Megatrends	Tony Chan Carusone, CTO	
Silicon IP	Jonathan Rogers, Co-Founder and SVP Engineering	
Path to Billions	Charlie Roach, Chief Revenue Officer	
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IP, Chiplets and Custom Silicon	Mohit Gupta, SVP & GM Custom Silicon and IP	
Connectivity Products – Multi-Billion Dollar Market	Babak Samimi, SVP & GM Connectivity Products	
Financial Overview	Rahul Mathur, Chief Financial Officer	
Closing Remarks	Tony Pialis, Co-Founder and CEO	
QA Session	Executive team	



IP, Chiplets and Custom Silicon

Mohit Gupta, SVP & GM Custom Silicon and IP



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Path to Billions Leadership in Connectivity and Compute



Ultra-high-speed data connectivity for AI, compute and network architectures



Leadership in Connectivity and Compute

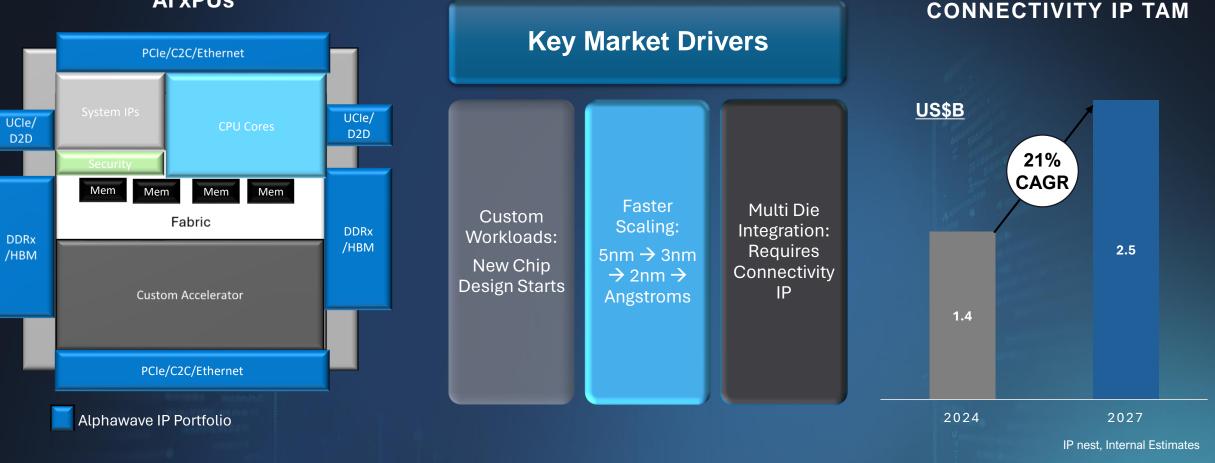


Ultra-high-speed data connectivity for AI, compute and network architectures



Advanced Silicon IP is Fundamental for the AI Era

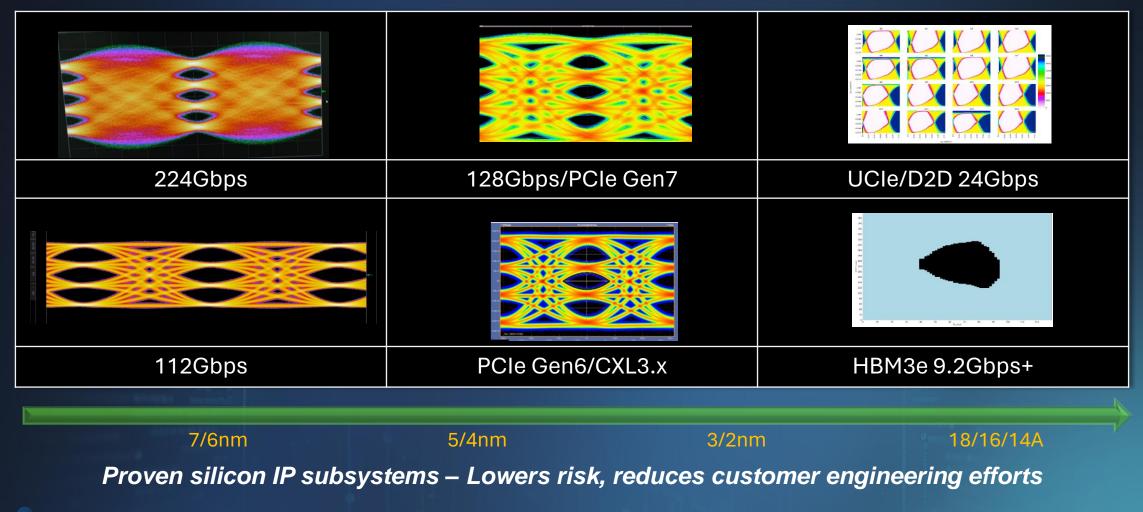
AI xPUs



Silicon IP – High-margin business enabling standalone IP licensing & adjacent silicon revenue



Alphawave has a Full Suite of Al Silicon IP Subsystems





Alphawave has a Rich History of Silicon IP Deployment



The Alphawave team has a >20-year industry track record of delivering the most advanced IPs



Leadership in Connectivity and Compute

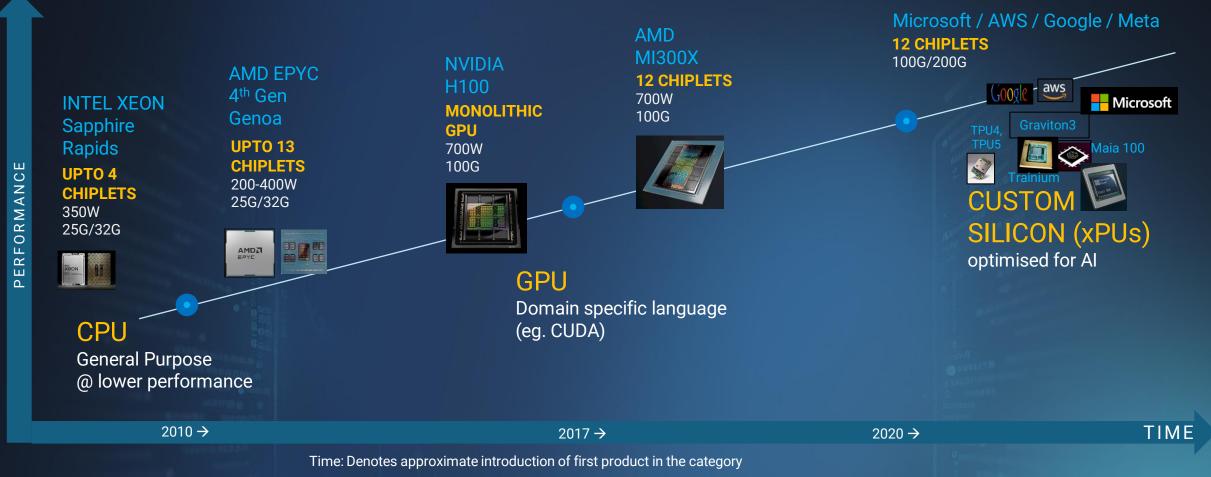


Ultra-high-speed data connectivity for AI, compute and network architectures



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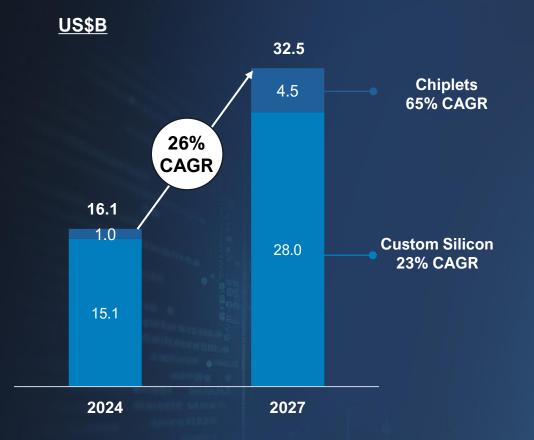
The Result: Emergence of Silicon for Al



Until now – No one solutions provider possessed all of the technology to enable silicon for AI



Growing Custom Silicon Market Driven by New AI Workloads



Semico Research Corporation, JP Morgan, IPNest ,LightCounting, Internal Estimates



Maximising Performance with Optimised Power for Specific Use Cases

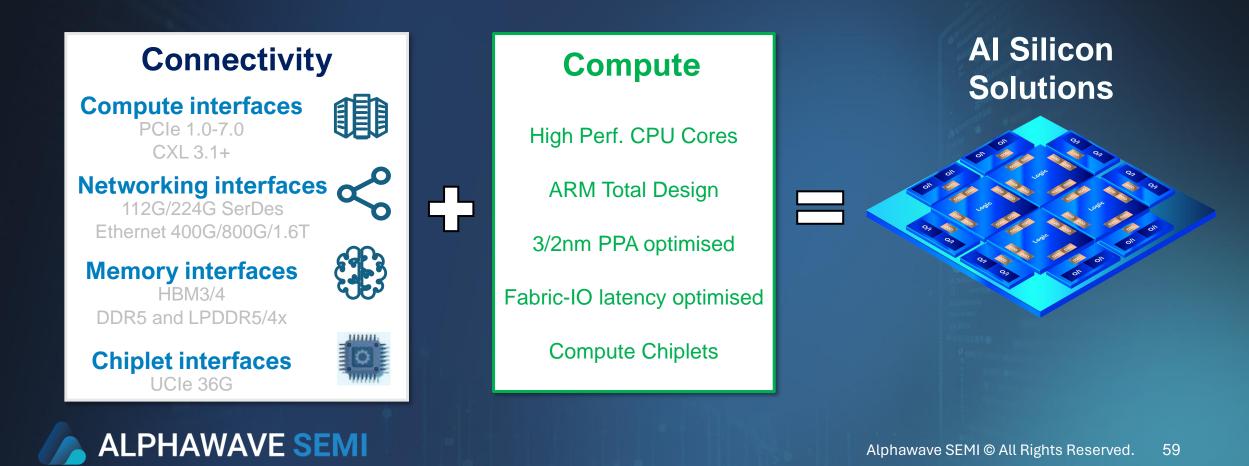
- Purpose-built custom SoCs leveraging high-speed connectivity with increasing levels of compute
- Targeted at high-end, data centre infrastructure market segments



- Optimised to specific use cases
 - AI LLM training and inference acceleration, video streaming servers, accelerators for public cloud, etc

Leveraging our Full Portfolio of Technologies for AI Silicon

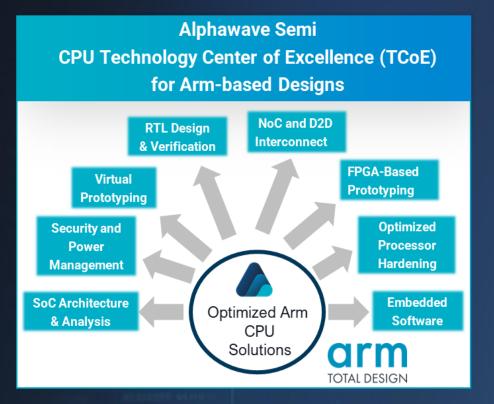
Custom silicon and chiplet solutions optimised for AI workloads are essential to affordably scale compute and connectivity performance, achieve lower power, and faster time to market



Alphawave's Complete Custom Silicon Platform for Al Silicon



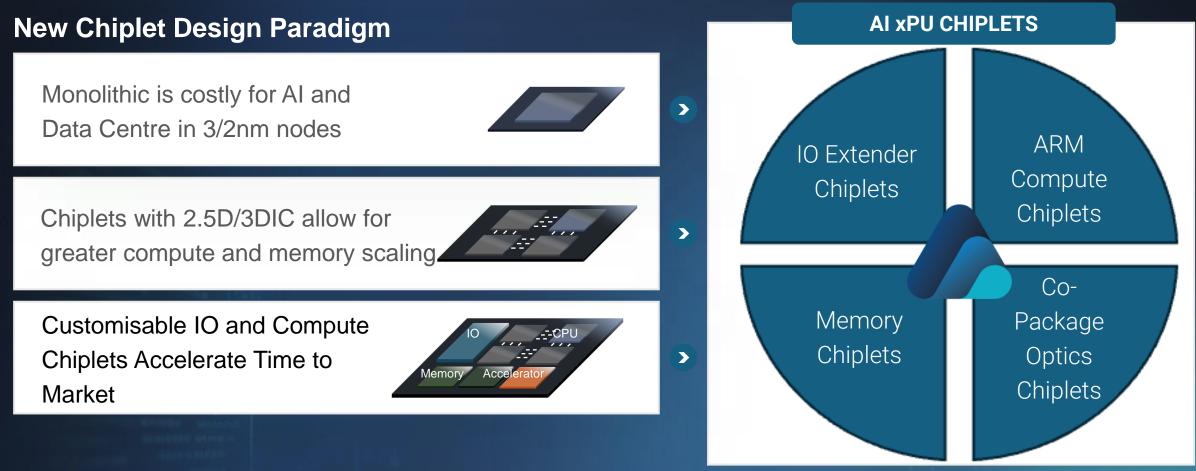
Driving Partnership: Leveraging ARM to Enable AI xPUs



- Alphawave Semi joined as a founding IP and Custom Silicon member
- Provides accelerated path for specialised SoC solutions based on ARM Neoverse Compute Subsystems (CSS)
- Multiple ARM cores in production optimised for performance, power and area (PPA)
- Our connectivity IP seamlessly complements ARM IP
 - Supports ARM fabric interfaces such as AXI and CHI/CXS
 - Enables easy integration of advanced connectivity such as PCIe/CXL, HBMx, DDRx, Ethernet and UCIe

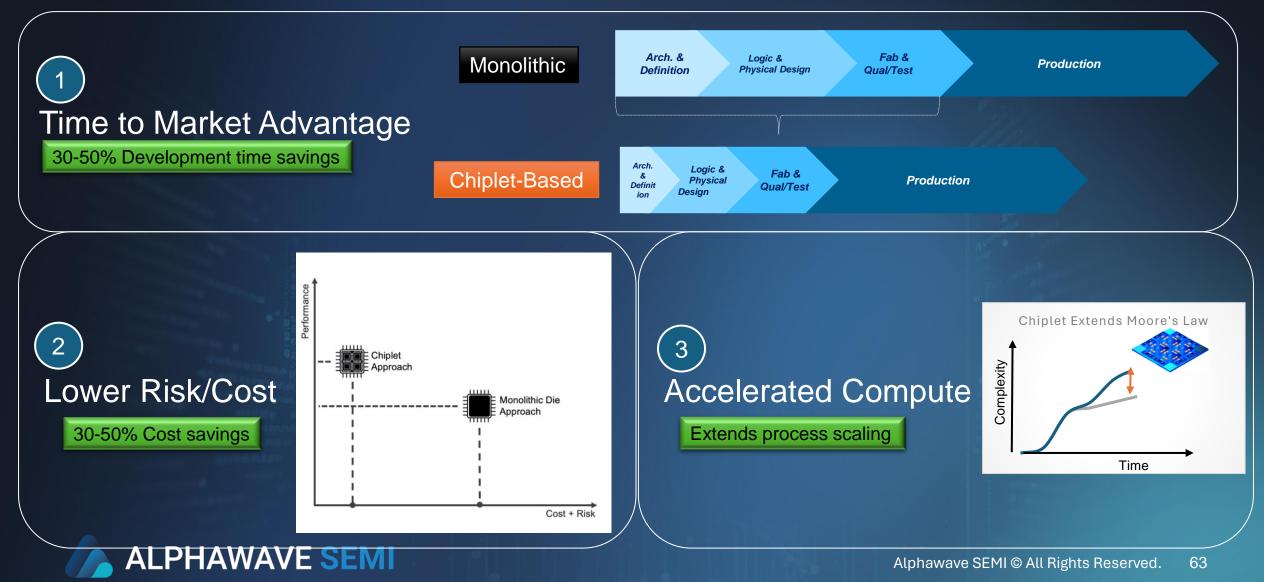


Chiplets – Next Evolution of Silicon IP

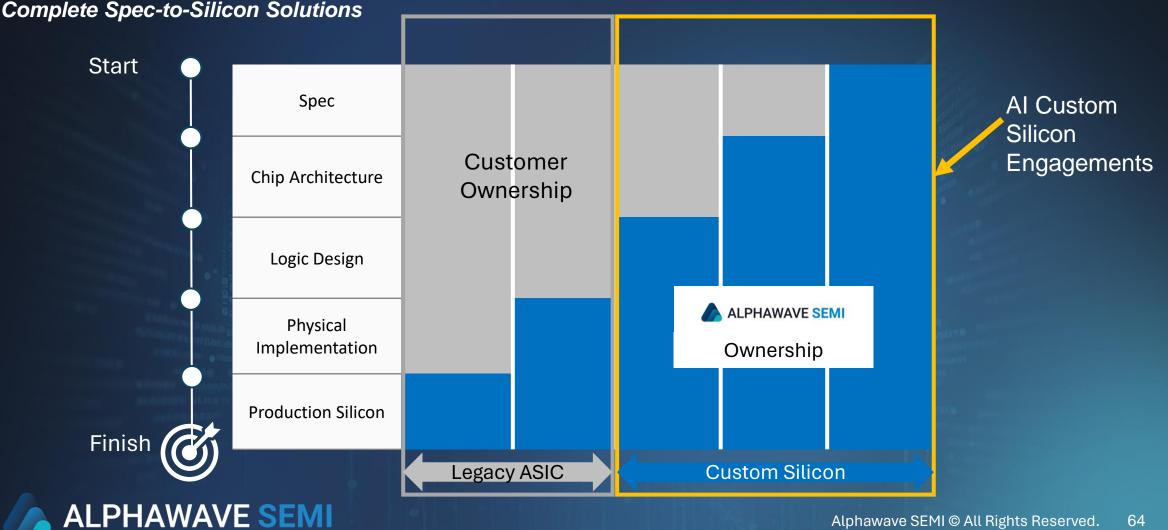


Partnering with ARM to deliver a portfolio of Neoverse series compute and IO chiplets Alphawave SEMI © All Rights Reserved. 62

Scaled Acceleration for AI xPUs with Chiplets



Delivery Through Flexible and Valued-Added Business Model



Alphawave Already has Custom Al xPUs Design Wins *Today*

CHIPLET-BASED AI ACCELERATOR CHIP

Customer-provided accelerator IP Alphawave portfolio of IP: UCIe/PCIe/Ethernet/HBM3e subsystems 4x main dies + 8 HBM3e



ARM NEOVERSE-BASED HPC CHIP

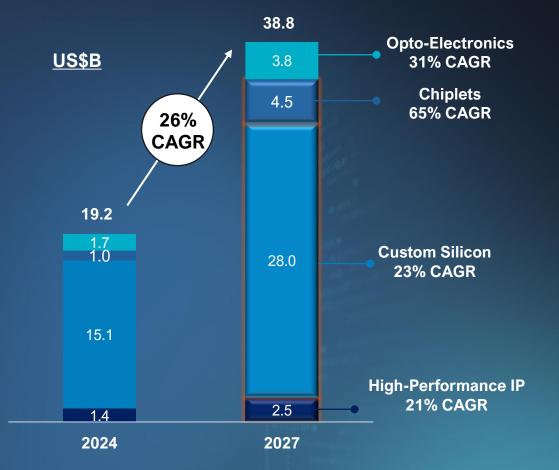
ARM compute subsystem HBM3e/DDR/PCIe/UCIe subsystems 2x main dies + 4 HBM3e

MONOLITHIC AI ACCELERATOR CHIP

Performance opt. reticle size chip (>800 sqmm) HBM3e/112G/PCIe subsystem 1x main die + 6 HBM3e

Execution Against a Massive Market Opportunity

- Generative AI "GenAI" driving the need for specialised silicon ~ \$35B market opportunity
- Early investment in process and IP enables a differentiation for long-term custom silicon revenue
- Initial success with xPU design wins across worldwide customer base
- Well positioned to deliver complex AI silicon leveraging Internal IP, chiplets and access to industry leading ecosystem



Semico Research Corporation, JP Morgan, IPNest ,LightCounting, Internal Estimates



Connectivity Products

– Multi-Billion Dollar Market

Babak Samimi, SVP & GM Connectivity Products



Leadership in Connectivity and Compute

Silicon IP

Chiplets

Connectivity Products

Custom

Silleon

Ultra-high-speed data connectivity for AI, compute and network architectures



Intersection of GenAI and Accelerated Compute: Connectivity GPU Capacity Outpacing Connectivity Bandwidth

DSP

Chiplet

New Era of GenAl Powered by Accelerated Computing







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GenAI Megatrends Disrupting Connectivity Market

Catalyst for faster transition to 200G PAM4 (1.6T transceivers)

More optical ports: Each GPU = 3+ transceiver attach rate

Mond

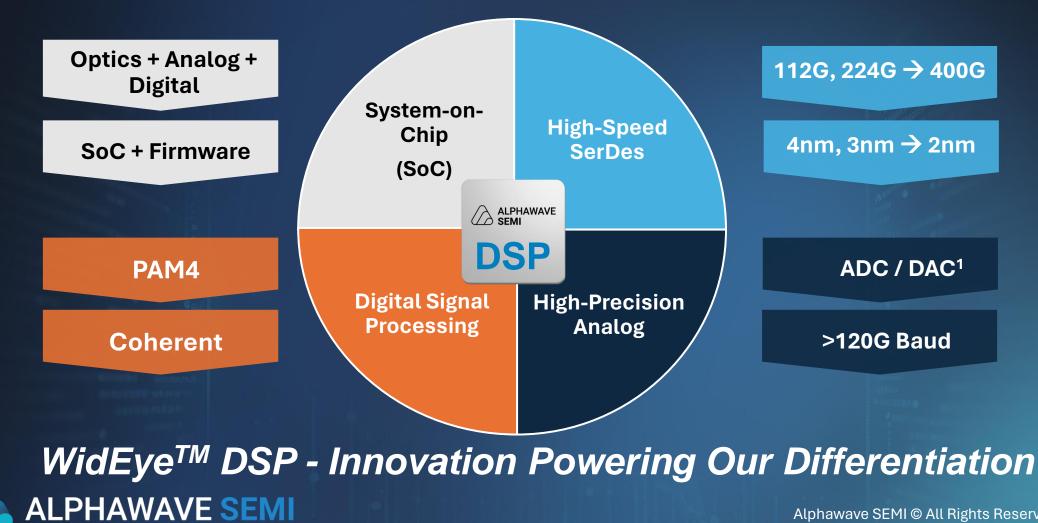
Distributed AI: 20km Coherent-Lite DCI links now in focus

Power/Energy: Necessitates move to $3nm now \rightarrow 2nm$ for NGen



We Own the Critical Connectivity Assets

DSP is the processor to connectivity like GPU is the enabling processor of GenAl



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¹ Analog to Digital Conversion / Digital to Analog Conversion

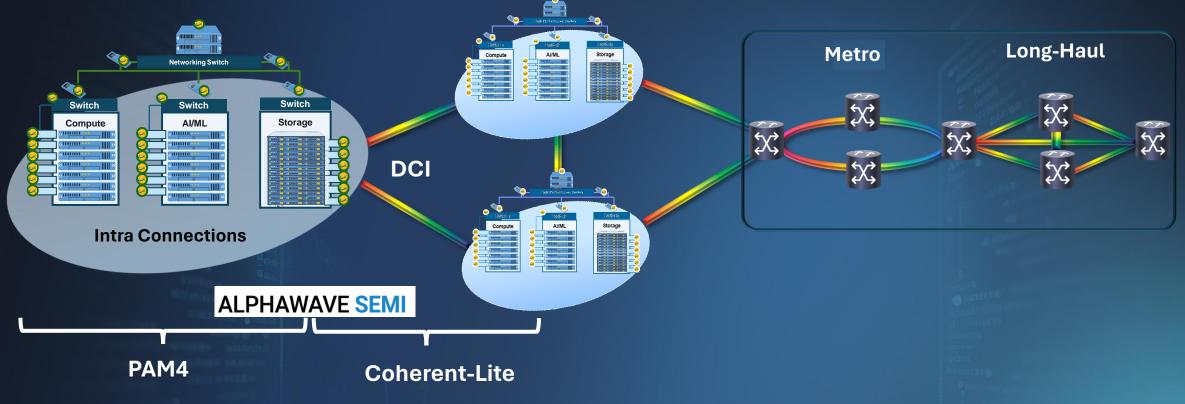
Building Connectivity Solutions for GenAI Data Centre



- Delivering to Hyperscalers' diverse optical and electrical applications
- Executing in leading edge 4nm, 3nm, soon in 2nm process nodes

Rapidly Growing Market Opportunity for Alphawave

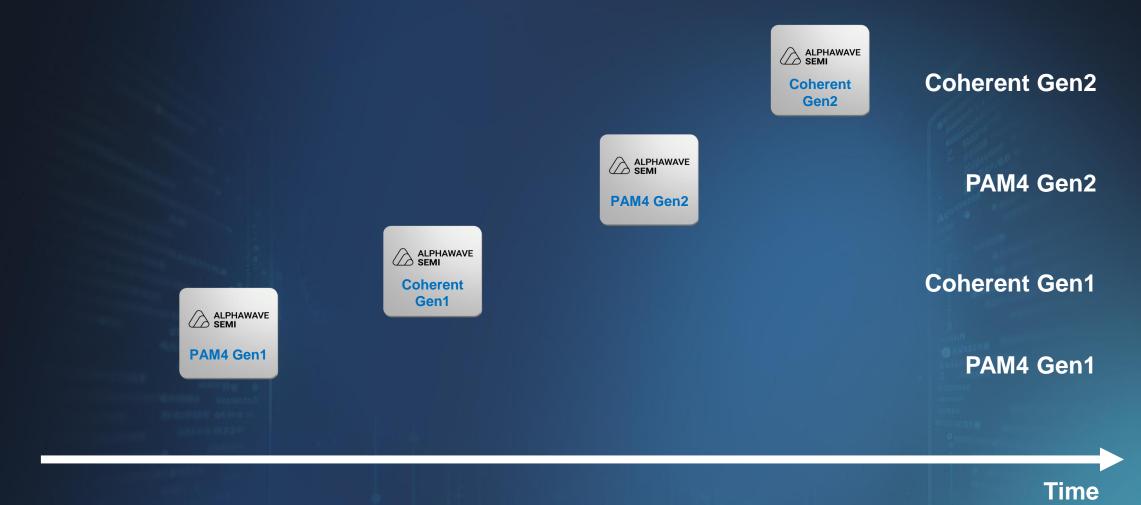
Coherent-Lite Solves Bandwidth Gap for up to 20km Links



PAM4 and Coherent-Lite will coexist from 1.6T to 3.2T market inflections



Scaling our Layered Connectivity Products

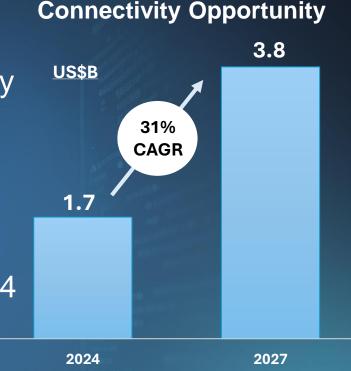




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Massive Opportunity: Connectivity Products

- ~\$4B TAM for GenAl connectivity now addressable by us
- Hyperscalers seeking diverse supplier base for connectivity
- Uniquely positioned have both PAM4 & Coherent DSPs
- Own all critical Analog, SerDes & DSP technology assets
- Secured initial purchase order with first revenue in 2H-2024



Opto-Electronics

Lightcounting, Company estimates

We have already won a >\$300m multi-year agreement with leading Hyperscaler

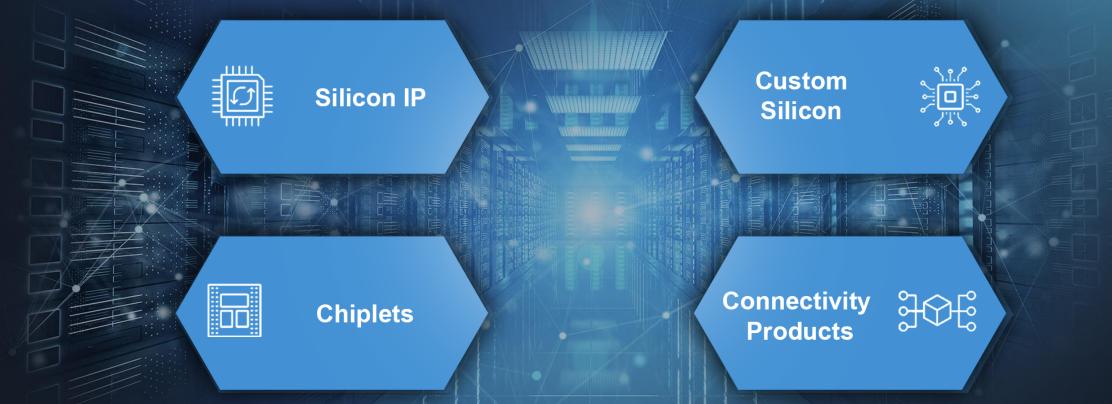


Financial Overview

Rahul Mathur, Chief Financial Officer



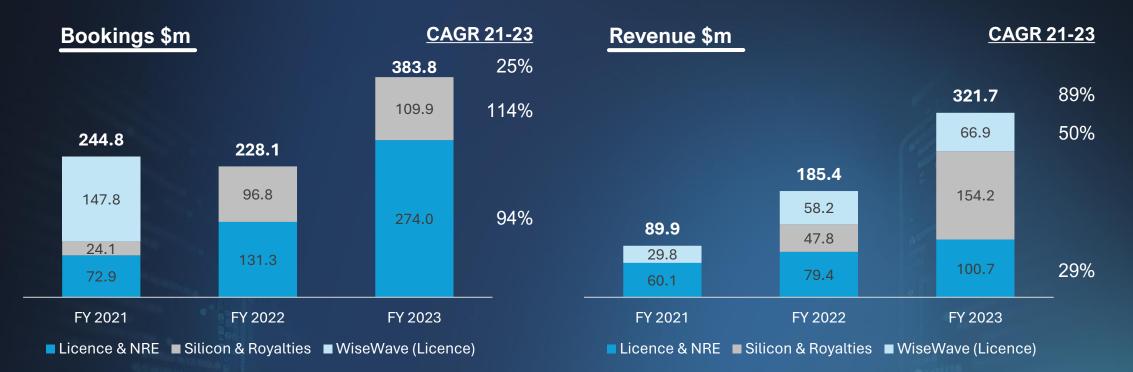
Leadership in Connectivity and Compute



Ultra-high-speed data connectivity for AI, compute and network architectures



We See Strong Growth in our End Markets in all Business Areas



- Bookings trend in all business areas supports long-term revenue growth
- Transitioning Custom Silicon to higher-margin non-China business
- Delivery of WiseWave SLA in FY23 sets stage for predictable growth



Strong FY23 Ending Backlog of \$355M Supports Long-Term Growth

Timing of Cash Inflows/Outflows and Revenue Recognition Determined by Business Model

Licence & NRE ¹	 Revenue recognised over development period on percentage of completion basis Typical pay-per-use IP licence US\$5m-US\$10m 					Silicon & Royalties	 Revenue recognised on shipment Typical opportunity US\$50m+ ~\$500m+ long-tail of silicon revenues not included in backlo Expect first Connectivity Products revenue in 2024 			
	(\$m)	2023	2022				(\$m)	2023	2022	
	Bookings	\$274.0	\$131.3				Bookings	\$109.9	\$96.8	
	Revenue	\$167.3	\$137.6				Revenue	\$154.2	\$47.8	
	Ending Backlog	\$294.8	\$255.1				Ending Backlog	\$60.1	\$124.6	
Internal	NRE Boo Cash Red Investment	ceived NRI Reco	E Revenue gnised Over pment Period	Received Befo Tapeout	ore	-	R	Silicon Revenu lecognised Ov roduction Peri	ver	
	Architecture oduct Specification		End RTL Desig & I Physical Des		Fab & Qualificatio	n	Pro	oduction		
Presales Engagemen		rt	-18 months	Tapeout	6-12 months	Release to Production (RTP)		Average 5-7 yea		d-of-Life OL)
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Continued Investment in Profitable Growth Drives Key P&L Metrics

US\$m	FY 2023	FY 2022	Change	Comments
Revenue	321.7	185.4	74%	Growth with North American and APAC customers. Significant contribution from legacy OpenFive backlog.
Gross profit	165.4	124.6	33%	Change in business mix from delivery of OpenFive legacy backlog
Gross margin	51%	67%	(16)ppts	
R&D, S&M, G&A	(131.8)	(89.5)	47%	Annualised impact of increased headcount from the 2022 acquisitions and ongoing investment in the business to support growth
Adjusted EBITDA	62.6	46.8	34%	
Adjusted EBITDA %	19%	25%	(6)ppts	and a second sec
Other expenses	(52.9)	2.5	nm	Share based payments increased year-on-year with increased headcount; substantial exchange gains in 2022
Depreciation and amortisation	(29.1)	(11.7)	150%	Annualised impact from assets acquired and additions

Due to rounding, numbers presented in the chart may not add up to the totals provided.



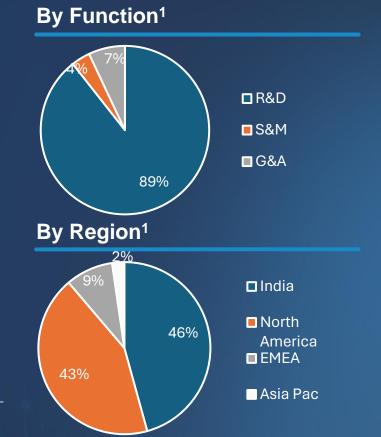
Investment Into R&D Extends Technology Leadership

Technology-Led Organisation – 89% Employees in R&D / Engineering

Number of Employees







¹ Due to rounding, percentages may not precisely reflect the absolute figures

- Focus on critical hires to support growth opportunities
- Targeting ~10% headcount growth in 2024
- US\$54.5m development costs capitalised in FY 2023 (FY 2022: US\$7.2m)

Main Locations



Management of Balance Sheet and Cash Flow: Finance Priorities

US\$m	FY 2023	FY 2022	Change	Comments
Cash & Cash Equivalents	101.3	186.2	(84.9)	Actively managing cash; low inventory and receivables balances
Loans and Borrowing	220.4	210.2	10.2	Attractive debt facility in place
Net Debt	(119.1)	(24.0)	(95.1)	Perpetually evaluating capital structure
Cash from Operations	16.0 ¹	1.0 ²	15.0	Not dependent on additional non-operating inflows
Working Capital Changes	(51.3) ¹	(50.1)	(1.2)	Expect improvement in FY24 working capital
Capital Expenditures	18.6	4.2	14.4	Expect increase in FY24 CapEx for facility build outs
R&D Capitalisation	43.7 ¹	7.2	36.5	Significant investment in future products support long- term growth opportunity

1 Restated to reflect capitalisation of interest incorrectly included in both interest paid and capitalised development expenditure in the FY23 cash flow statement.

2 Excluding US\$28m deferred compensation payments related to acquisitions

Due to rounding, numbers presented in the chart may not add up to the totals provided.



Our Mid-Term Model and Guidance: Driven Bottom-Up

<u>US\$</u>	2024	2025		
Revenues	\$345-365m	\$450m		
Gross margin	c.50%	c.50%		
Opex %	c.30%	c.25-30%		
Adjusted EBITDA ¹	Approx. \$70m	Approx. \$100m		
Adjusted EBITDA %	c. 20%	c.20-25%		
Capex (exc. Cap R&D)	c. 10%	c. 10%		
Cap. R&D	~\$50-60m	~\$50-60m		

1 2024 assumes mid-point of the guidance range and 20% adjusted EBITDA margin; 2025 assumes US\$450m revenue and 20-25% adjusted EBITDA margin



• 2023-2025 revenue CAGR of ~20%

- We expect the revenue profile in 2024 to be back-end loaded and H1 2024 revenue to be below H1 2023, which saw a significant contribution from the legacy OpenFive backlog
- In H1 2024, we expect to invest in capital and R&D expenses as we continue to invest in our product business
- 2024 Capex increase driven by investment in own products

Alphawave Growth in 2024 and Beyond

- Delivering mission-critical connectivity and compute essential to the AI revolution
- Addressing the insatiable demand from hyperscalers and world's leading semiconductor companies through:
 - Silicon IP
 - Custom silicon
 - Chiplets
 - Connectivity products
- Future growth fueled by disciplined investment in R&D for high-margin products

Powering the AI Revolution = Path to Billions



Leadership in Connectivity and Compute



Ultra-high-speed data connectivity for AI, compute and network architectures



Appendix



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Non-GAAP Metrics

See Notes 4 to the Consolidated Financial Statements Alternative Performance Measures H1 2023 Interim Report and FY 2023 Annual Report at https://www.awaveip.com/en/investors/results-reports-presentations/

- Bookings are a non-IFRS measure representing legally binding and largely non-cancellable commitments by
 customers to license our technology. Our bookings comprise licence fees, non-recurring engineering support and,
 in some instances, our estimate of potential future royalties. A portion of our bookings may not convert to revenue if
 those royalties do not materialise or customers are unable to pay us.
- Backlog is a non-IFRS measure representing our bookings less revenues recognised to date. It represents the
 revenue that we expect to collect in future years based only on our existing and legally binding orders. As new
 bookings are secured, our backlog will increase and as existing bookings are recognised as revenue, our backlog will
 decrease.
- Adjusted EBITDA is a non-IFRS financial measure defined as the Group's earnings before interest, taxation, depreciation and amortisation, adjusted to remove share-based payment charges and non-recurring operating expenses such as IPO-related costs (in 2021) and advisory costs associated with acquisitions. Adjusted EBITDA is reconciled in note 4 Alternative performance measures (APMs).

