INVESTOR PRESENTATION

Fourth Quarter Fiscal 2026

August 12, 2026

COHERENT

FORWARD-LOOKING STATEMENTS

This presentation contains forward-looking statements relating to future events and expectations, including our expectations regarding our estimates and projections for our business outlook for the first quarter of fiscal 2027, each of which is based on certain assumptions and contingencies. The forward-looking statements are made pursuant to the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995 and relate to the Company's performance on a going-forward basis. The forward-looking statements in this investor presentation involve risks and uncertainties, which could cause actual results, performance, or trends to differ materially from those described in this presentation.

The Company believes that all forward-looking statements made by it herein have a reasonable basis, but there can be no assurance that management's expectations, beliefs, or projections as expressed in the forward-looking statements will actually occur or prove to be correct. In addition to general industry and global economic conditions, factors that could cause actual results to differ materially from those discussed in the forward-looking statements herein include but are not limited to: (i) the failure of any one or more of the assumptions stated herein to prove to be correct; (ii) changes in demand in the Company's end markets along with the Company's ability to respond to such market changes; (iii) our failure to accurately estimate customer demand and future sales and/or fluctuations in purchasing patterns of customers and end users; (iv) the ability of the Company to retain and hire key employees; (v) the terms of the Company's indebtedness and ability to service such debt (vi) the timely release of new products and acceptance of such new products by the market; (vii) the introduction of new products by competitors and other competitive responses; (viii) the risks to realizing the benefits of investments in R&D and commercialization of innovations; (ix) the risks that the Company's stock price will not trade in line with industrial technology leaders; (x) the impact of international conflict and economic volatility in either domestic or foreign markets, including risks related to the impact of trade protection measures, such as import tariffs by the United States or retaliatory actions taken by other countries; and/or (xi) the risks relating to forward-looking statements and other "Risk Factors" identified from time to time in our filings with the SEC, including our Annual Report on Form 10-K for the fiscal year ended June 30, 2025, and our subsequently filed Quarterly Reports on Form 10-Q and Form 10-K, which filings are available from the SEC. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made. The Company disclaims any obligation to update information contained in these forward-looking statements, whether as a result of new information, future events or developments, or otherwise.

Unless otherwise indicated in this presentation, all information in this presentation is as of August 12, 2026. This presentation contains non-GAAP financial measures and key metrics relating to the Company's past performance. We believe the presentation of these non-GAAP financial measures enhances investors' overall understanding of our historical financial performance and assists investors in comparing our performance across reporting periods. These non-GAAP financial measures are in addition to, and not a substitute for or superior to, measures of financial performance prepared in accordance with U.S. GAAP. There are a number of limitations related to the use of these non-GAAP financial measures versus their nearest GAAP equivalents. For example, other companies may calculate non-GAAP financial measures differently or may use other measures to evaluate their performance, all of which could reduce the usefulness of our non-GAAP financial measures as tools for comparison. As required by Regulation G, we have provided reconciliations of those measures to the most directly comparable GAAP measures in the section captioned "GAAP to NON-GAAP RECONCILIATION." The Company has not provided a quantitative reconciliation of forward-looking non-GAAP gross margin percentage, non-GAAP operating expenses, non-GAAP tax rate and non-GAAP earnings per share, because we cannot, without unreasonable efforts, forecast certain items required to develop comparable GAAP measures. These items include, without limitation, restructuring charges; integration, site consolidation and other expenses; foreign exchange gains (losses); and share based compensation expense. The variability of these items could significantly impact our future GAAP financial results and we believe that the inclusion of any such reconciliations would imply a degree or precision that could be confusing or misleading to investors.

GROSS MARGIN AND EARNINGS PER SHARE GAAP TO NON-GAAP RECONCILIATIONS

$ Millions (Unaudited)	Jun 30, 2026	Mar 31, 2026	Dec 31, 2025	Sep 30, 2025	Jun 30, 2025
Gross margin on GAAP basis	787	680	623	579	546
Share-based compensation	7	6	6	6	6
Amortization of acquired intangibles	28	28	28	28	31
Integration, site consolidation and other	—	—	—	—	—
Gross margin on non-GAAP basis	823	714	657	613	582

$ for EPS, $ Millions for shares (Unaudited)	Jun 30, 2026	Mar 31, 2026	Dec 31, 2025	Sep 30, 2025	Jun 30, 2025
Common shares, GAAP	195.7	190.2	167.5	156.2	155.5
Effect of dilutive securities:					
Common stock equivalents	6.6	6.1	5.5	4.6	—
Series B Redeemable Preferred Stock	—	—	19.8	29.9	—
Diluted weighted average common shares, GAAP	202.2	196.4	192.8	190.7	155.5
Common shares, Non-GAAP	195.7	190.2	167.5	156.2	155.5
Effect of dilutive securities:					
Common stock equivalents	6.6	6.1	5.5	4.6	3.7
Series B Redeemable Preferred Stock	—	—	19.8	29.9	—
Diluted weighted average common shares, Non-GAAP	202.2	196.4	192.8	190.7	159.2
Net earnings (loss) attributable to Coherent Corp., GAAP					
Basic Earnings (Loss) Per Share	1.23	1.01	0.87	1.24	(0.83)
Diluted Earnings (Loss) Per Share	1.19	0.97	0.76	1.19	(0.83)
Net earnings attributable to Coherent Corp., non-GAAP					
Basic Earnings Per Share	1.79	1.45	1.47	1.20	1.02
Diluted Earnings Per Share	1.74	1.41	1.29	1.16	1.00

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Q4 FY26 NON-GAAP FINANCIAL RESULTS

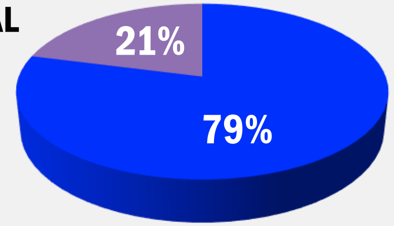
Revenue Growth Acceleration and Gross Margin Expansion Driven by Datacenter Demand

REVENUE	GROSS MARGIN	EARNINGS PER SHARE
42%*	215BP*	74%*
$2.05B in Q4 FY26 vs. $1.44B in Q4 FY25*	40.2% in Q4 FY26 vs. 38.1% in Q4 FY25	$1.74 in Q4 FY26 vs. $1.00 in Q4 FY25

- Coherent received CHIPS Letter of Intent award for $50M
- NVIDIA and Coherent partnered to celebrate groundbreaking ceremony at Coherent's Sherman, TX facility

Revenue Mix Reflects Rapid Growth of Datacenter & Communications Segment*

INDUSTRIAL



DATACENTER & COMMUNICATIONS

DATACENTER & COMMUNICATIONS

59%
Q4 FY26/Q4 FY25

INDUSTRIAL

1%*
Q4 FY26/Q4 FY25

**Revenue and revenue growth are shown on a pro forma basis to exclude for all periods revenue from the sale of our former Aerospace & Defense business, which closed on September 2, 2025 and our Munich, Germany business, which closed on January 30, 2026. Gross margin and earnings per share are based on financial results reported August 12, 2026. Please refer to reconciliation of GAAP to Non-GAAP gross margin, and reconciliation of GAAP and Non-GAAP EPS.*

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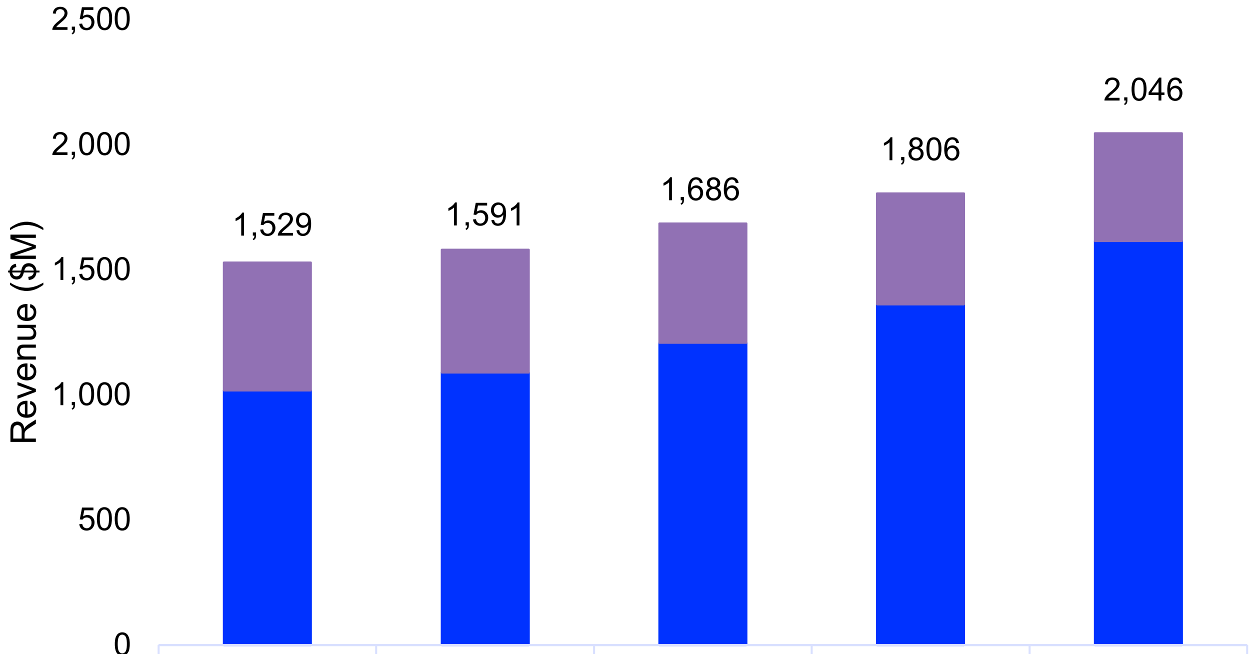
QUARTERLY REVENUE BY MARKET SEGMENT



	Q4 FY25	Q1 FY26	Q2 FY26	Q3 FY26	Q4 FY26
Industrial	511	491	478	444	431
Datacenter and Communications	1,018	1,090	1,208	1,362	1,615

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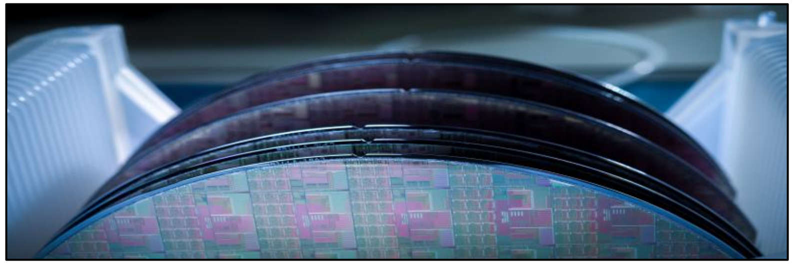
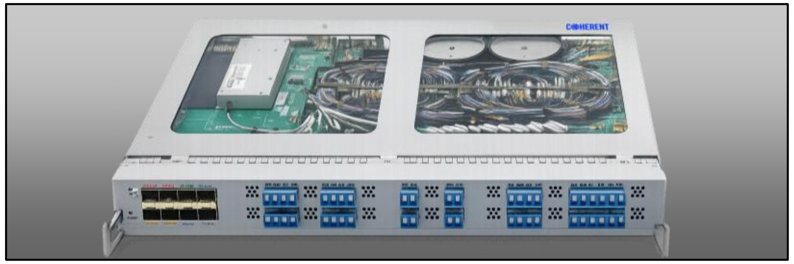
BUILDING THE NEXT-GEN AI DATACENTER

Meeting customer demands for scalable, high-performance and efficient infrastructure



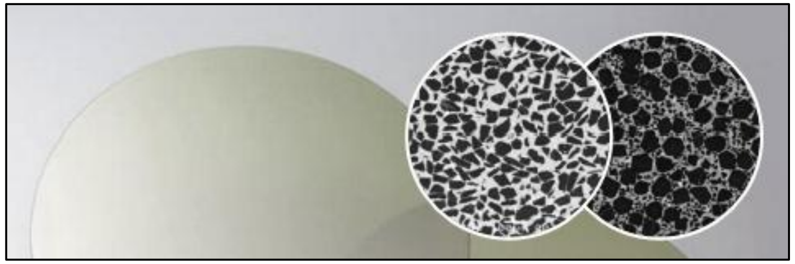
SCALING CAPACITY

- Ramping Datacenter and Communications capacity – end to end, from materials to systems, building the infrastructure to connect AI at scale
- On track to double internal InP output by year-end and more than double again by 2027
- 6-inch platform producing EMLs, CW lasers, and photodiodes, with higher yields than 3-inch lines



ACCELERATING PERFORMANCE

- Multiple CPO architectures, Silicon Photonics, InP, and VCSEL, enable flexible networks
- 400G/lane links delivering higher bandwidth and faster data transfer while simplifying architecture
- Advanced multi-rail optical transport delivering 4X fiber capacity



ENHANCING EFFICIENCY

- Advanced thermal and cooling solutions for dense, high performance AI environments
- Improved power efficiency per bit across optical systems
- Materials innovation reducing cost and energy consumption

INVESTING TO EXPAND TECHNOLOGY LEADERSHIP AND UNMATCHED MANUFACTURING SCALE

Recent Announcements

SUPPORTING U.S. MANUFACTURING CAPABILITIES WITH GOVERNMENT PARTNERSHIP

Signed letter of intent for up to $50M in CHIPS Act funding, building on $20M previously provided through Texas Semiconductor Innovation Fund and the Sherman Economic Development Corporation.

Read more here

EXPANDING CAPACITY TO SUPPORT NEXT GENERATION OF AI INFRASTRUCTURE WITH NVIDIA

Groundbreaking ceremony in Sherman, TX celebrated the modernization and expansion of Coherent's manufacturing facility

Read more here

IDENTIFIED AS ONE OF AMERICA's TOP PERFORMING COMPANIES

Based on employee satisfaction, financial performance and sustainability transparency, Coherent was named to TIME's America's Best Companies of 2026

Read more here

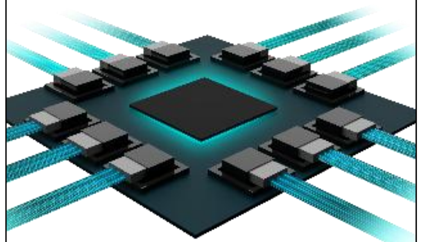
ENTERING A NEW PHASE OF ACCELERATED GROWTH

New Growth Engines

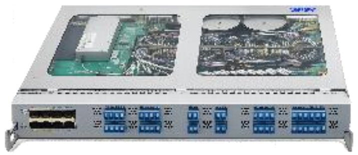
Adding $20B+ Incremental SAM

Optical Circuit Switch

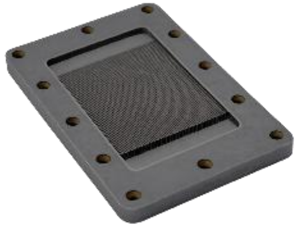
CPO/NPO



Multi-rail



Thermal Solutions



New Revenue - - - ▸

Optical Circuit Switch	CPO/NPO	Multi-rail	Thermal Solutions
Now	H2 2026	H1 2027	H2 2027

Existing Growth Engines

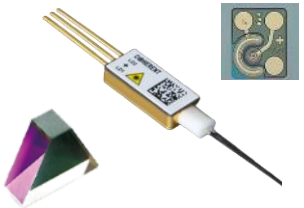
$50B+ SAM

Transceivers
1.6T, 3.2T, 6.4T

DCI Transceivers
ZR/ZR+

Transport/Transmission

Optical Components



SAM estimates are for calendar 2030 based on 3rd party and internal estimates.

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FIRST QUARTER FISCAL 2027 OUTLOOK [1]

REVENUE	$2.2 billion to $2.4 billion
NON-GAAP GROSS MARGIN	39.5% to 41.5%
NON-GAAP OPERATING EXPENSES	$400 million to $420 million
NON-GAAP TAX RATE	18% to 20%
NON-GAAP EARNINGS PER SHARE	$1.85 to $2.05

[1] The Company has not provided a quantitative reconciliation of forward-looking non-GAAP gross margin percentage, non-GAAP operating expenses, non-GAAP tax rate and non-GAAP earnings per share, because we cannot, without unreasonable efforts, forecast certain items required to develop comparable GAAP measures. These items include, without limitation, restructuring charges, integration, site consolidation and other expenses, foreign exchange gains (losses), and share based compensation expense. The variability of these items could significantly impact our future GAAP financial results and we believe that the inclusion of any such reconciliations would imply a degree or precision that could be confusing or misleading to investors.

GAAP TO NON-GAAP RECONCILIATION

GROSS MARGIN RECONCILIATION*

$ Millions (Unaudited)	Jun 30, 2026	Mar 31, 2026	Dec 31, 2025	Sep 30, 2025	Jun 30, 2025
Gross margin on GAAP basis	787	680	623	579	546
Share-based compensation	7	6	6	6	6
Amortization of acquired intangibles	28	28	28	28	31
Integration, site consolidation and other	—	—	—	—	—
Gross margin on non-GAAP basis	823	714	657	613	582

* Amounts may not foot due to rounding

OPERATING EXPENSES RECONCILIATION *

$ Millions (Unaudited)	Jun 30, 2026	Mar 31, 2026	Dec 31, 2025	Sep 30, 2025	Jun 30, 2025
R&D on GAAP basis	216	186	166	155	156
Share-based compensation	(8)	(7)	(7)	(7)	(6)
Amortization of acquired intangibles	—	—	—	—	—
R&D on non-GAAP basis	208	178	159	148	150
SG&A on GAAP basis	266	268	259	252	245
Share-based compensation	(39)	(37)	(32)	(32)	(33)
Amortization of acquired intangibles	(42)	(42)	(43)	(42)	(41)
Financing fees	—	—	(1)	—	—
Integration, site consolidation and other	(17)	(19)	(21)	(23)	(14)
SG&A on non-GAAP basis	169	170	162	156	157
Restructuring on GAAP basis	6	34	4	19	54
Restructuring	(6)	(34)	(4)	(19)	(54)
Restructuring on non-GAAP basis	—	—	—	—	—
Impairment of assets held-for-sale on GAAP basis	44	—	11	9	85
Impairment of assets held-for-sale	(44)	—	(11)	(9)	(85)
Impairment of assets held-for-sale on non-GAAP basis	—	—	—	—	—
Gain on sale of business on GAAP basis	—	(9)	—	(115)	—
Gain on sale of business	—	9	—	115	—
Gain on sale of business on non-GAAP basis	—	—	—	—	—

* Amounts may not foot due to rounding

INCOME FROM OPERATIONS RECONCILIATION *

$ Millions (Unaudited)	Jun 30, 2026	Mar 31, 2026	Dec 31, 2025	Sep 30, 2025	Jun 30, 2025
Op. income on GAAP basis	254	201	184	259	6
Share-based compensation	54	51	45	45	44
Amortization of acquired intangibles	70	71	71	70	72
Restructuring charges	6	34	4	19	54
Financing fees	—	—	1	—	—
Impairment of assets held-for-sale	44	—	11	9	85
Gain on sale of business	—	(9)	—	(115)	—
Integration, site consolidation and other	18	19	21	22	14
Op. income on non-GAAP basis	446	366	336	309	275
Non-GAAP Op. Margin Percentage	21.8 %	20.3 %	19.9 %	19.5 %	18.0 %

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NET EARNINGS RECONCILIATION *

$ Millions (Unaudited)	Jun 30, 2026	Mar 31, 2026	Dec 31, 2025	Sep 30, 2025	Jun 30, 2025
Net earnings (loss) attributable to Coherent Corp. on GAAP basis	241	191	147	226	(96)
Share-based compensation	54	51	45	45	44
Amortization of acquired intangibles	70	71	71	70	72
Foreign currency exch. (gains) losses	(4)	1	(2)	(1)	37
Restructuring charges	6	34	4	19	54
Impairment of assets held-for-sale	44	—	11	9	85
Gain on sale of business	—	(9)	—	(115)	—
Integration, site consolidation and other	18	19	21	22	14
Gain on sale of investment	(38)	(14)	(15)	(7)	—
Financing fees	—	—	1	12	—
Non-controlling interest impact of non-GAAP items	—	(6)	—	—	—
Tax impact of non-GAAP measures	(39)	(61)	(33)	(60)	(18)
Net earnings attributable to Coherent Corp. on non-GAAP basis	351	276	248	221	192

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NET EARNINGS PER COMMON SHARE *

$ for EPS, $ Millions for shares (Unaudited)	Jun 30, 2026	Mar 31, 2026	Dec 31, 2025	Sep 30, 2025	Jun 30, 2025
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