

Networking · Taiwan

LandMark Optoelectronics (3081.TWO/3081 TT)

Clear growth for silicon photonics products in 2025F

Neutral · Maintained

362.0
340.0
135.0
151.9
6.1

Key message

- 1. Returning to profitability in 3Q24.
- 2. Sales to trend upwards in 4Q24F, approaching 3Q21 level.
- 3. Clear growth trends for silicon photonics products in 2025F.

Trading data

Induling data			
Mkt cap (NT\$bn/U	S\$mn)	33.501	,046
Outstanding share	s (mn)	92.53	
Foreign ownership	17.03		
3M avg. daily trad	4.65		
52-week trading ra	ange (NT\$)	93.90 -	-380.0
Performance	3M	6M	12M
Absolute (%)	182.8	253.2	
Relative (%)	153.8	163.7	209.6

Quarterly EPS

NT\$	1Q	2Q	3Q	4Q
2023	(0.33)A	(0.44)A	(1.20)A	(0.34)A
2024	(0.44)A	(0.33)A	0.09F	0.32F
2025	0.17F	1.67F	2.74F	3.92F

Share price chart



Event

Landmark Optoelectronics held an analyst meeting and provided a business update.

Impact

Return to profitability in 3Q24. Sales totaled NT\$323mn in 3Q24, up 18.5% QoQ and 80.4% YoY, in line with management's estimate of NT\$320mn (same as 1Q24) announced at the 2Q24 analyst meeting. Gross margin increased to 27.6% from 14.6% in 2Q24, as shipments of margin-accretive products edged up. Amid a sales uptrend, idle capacity losses fell to around NT\$12.7mn, while depreciation and amortization costs also decreased to around NT\$93.4mn. Operating expenses were cut to around NT\$81mn, on lower R&D expenses, and forex losses were NT\$5.74mn. 3Q24 EPS were NT\$0.09, a return to profitability for the firm.

Sales to trend upwards in 4Q24F, approaching 3Q21 level. Management expects 4Q24F sales to approach the 3Q21 figure of around NT\$380mn, and state telecom demand in China to improve HoH in 2H24F. The estimated life cycle of 800G silicon photonics products adopted by US clients for non-AI data centers is longer than two years, and sales will continue to rise in 2025F. 1.6T products adopted for AI applications will ramp up in 4Q24-1Q25F, while silicon photonics products for Chinese data centers are to commence shipments in 4Q24F. The firm will not need to book idle capacity losses after registering higher sales.

Clear growth trends for silicon photonics products in 2025F. Management guides 800G products as the mainstream silicon photonics product in 2025F, and expects 1.6T product sales to ramp up steadily, leading to clear growth trends for data center-related sales. Chip testing and dicing will be outsourced to multiple suppliers. Demand for telecom products is recovering, but still well below the peak. The firm will continue co-developing handset and lidar products with clients. Depreciation and amortization costs are expected to fall each year in the near term. We adjust 2024-25F sales to NT\$1.29bn and NT\$2.64bn, for a loss per share of NT\$0.36 and EPS of NT\$8.49, respectively.

Valuation & Action

We are upbeat about the clear growth trends for Landmark's silicon photonics products, and revise up our target PE to 40x from 30x. We maintain Neutral and adjust our target price to NT\$340, based on 40x revised 2025F EPS.

Risks

Accelerated 5G infrastructure demand; better progress in silicon photonics and consumer projects.

Key financials and valuations

	Dec-21A	Dec-22A	Dec-23A	Dec-24F	Dec-25F
Revenue (NT\$mn)	1,873	2,381	1,056	1,288	2,635
Gross profit (NT\$mn)	768	759	138	258	1,238
Operating profit (NT\$mn)	412	334	(279)	(80)	908
Net profit (NT\$mn)	338	330	(212)	(33)	786
EPS (NT\$)	3.71	3.61	(2.31)	(0.36)	8.49
Cash DPS (NT\$)	3.50	3.50	0.50	0.50	4.00
EPS growth (%)	(43.0)	(2.6)	(164.0)	(84.5)	0.0
PE (x)	97.6	100.2	N.A.	N.A.	42.6
PB (x)	7.7	7.6	8.6	8.8	7.9
EV/EBITDA (x)	34.5	38.7	176.8	58.2	19.8
Net debt to equity (%)	Net cash				
Dividend yield (%)	1.0	1.0	0.1	0.1	1.1
Return on average equity (%)	7.8	7.6	(5.1)	(0.9)	19.7

Source: Company data; KGI Research estimates



Figure 1: Breakdown of 3Q24 results & 4Q24 forecast revisions vs. consensus

				3Q24							4Q24F			
NT\$mn	Actual K	GI forecast	Diff. (%)	QoQ (%)	YoY (%)	Consensus	Diff. (%)	Revision	Previous	Chg. (%)	QoQ (%)	YoY (%)	Consensus	Diff. (%)
Sales	323	322	0.3	18.5	80.4	326	(1.0)	368	364	1.1	13.9	24.0	359	2.5
Gross profit	89	68	31.0	124.2	-	70	26.5	109	104	5.1	22.8	39.1	93	17.3
Operating income	8	(22)	-	-	-	(18)	-	25	9	177.4	213.2	-	17	51.9
Pretax income	10	(18)	-	-	-	(13)	-	30	13	120.9	200.3	-	9	242.3
Net income	8	(18)	-	-	-	(11)	-	30	13	120.9	276.3	-	8	287.6
EPS (NT\$)	0.09	(0.19)	-	-	-	(0.12)	-	0.32	0.15	119.3	276.3	-	0.05	530.1
Gross margin (%)	27.6	21.1	6.5 ppts	13.0 ppts	47.2 ppts	21.6	6.0 ppts	29.7	28.6	1.1 ppts	2.2 ppts	3.2 ppts	26.0	3.7 ppts
OP margin (%)	2.5	(6.8)	9.3 ppts	19.9 ppts	85.8 ppts	(5.4)	7.9 ppts	6.9	2.5	4.4 ppts	4.4 ppts	16.3 ppts	4.7	2.2 ppts
Net margin (%)	2.4	(5.5)	7.9 ppts	13.7 ppts	63.7 ppts	(3.4)	5.8 ppts	8.1	3.7	4.4 ppts	5.6 ppts	18.5 ppts	2.1	5.9 ppts

Source: Company data; Bloomberg; KGI Research estimates

Figure 2: Breakdown of 2024-25 forecast revisions vs. consensus

		2024F						2025F					
NT\$mn	Revision	Previous	Chg. (%)	YoY (%)	Consensus	Diff. (%)	Revision	Previous	Chg. (%)	YoY (%)	Consensus	Diff. (%)	
Sales	1,288	1,283	0.4	21.9	1,284	0.3	2,635	2,085	26.4	104.6	1,800	46.4	
Gross profit	258	232	11.4	87.0	224	15.1	1,238	864	43.3	379.6	561	120.6	
Operating income	(80)	(127)	-	-	(130)	-	908	456	99.2	-	223	306.9	
Pretax income	(49)	(93)	-	-	(94)	-	926	473	95.6	-	242	282.9	
Net income	(33)	(75)	-	-	(76)	-	786	410	91.8	-	213	269.7	
EPS (NT\$)	(0.36)	(0.81)	-	-	(0.83)	-	8.49	4.46	90.4	-	2.49	241.7	
Gross margin (%)	20.1	18.1	2.0 ppts	7.0 ppts	17.5	2.6 ppts	47.0	41.4	5.6 ppts	26.9 ppts	31.2	15.8 ppts	
OP margin (%)	(6.2)	(9.9)	3.6 ppts	20.2 ppts	(10.1)	3.9 ppts	34.5	21.9	12.6 ppts	40.7 ppts	12.4	22.1 ppts	
Net margin (%)	(2.6)	(5.8)	3.3 ppts	17.5 ppts	(5.9)	3.3 ppts	29.8	19.6	10.2 ppts	32.4 ppts	11.8	18.0 ppts	

Source: Bloomberg; KGI Research estimates

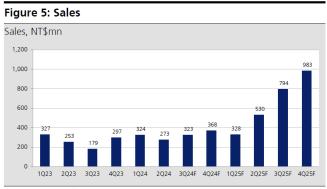


Taiwan

Figure 3: Company profile

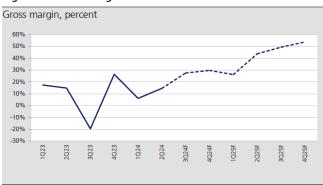
Established in 1997, LandMark Optoelectronics has major operations and production bases in the Tainan Science Park. The company is an upstream supplier in the optical communications industry, offering InP- and GaAs-based epitaxial wafers for laser diode (LD epiwafer) on the transmitting side and photodetectors (PD epiwafer) on the receiving side. Major customers include Taiwanese and Chinese mid- and downstream optical communication companies. In 3Q24, data center, optical telecom and industrial/ consumer applications accounted for 50-55%, 35-40% and 5-10% of sales.

Source: Company data; KGI Research



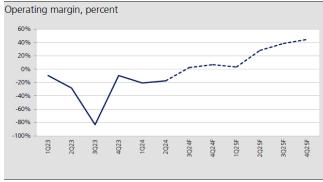
Source: KGI Research





Source: KGI Research

Figure 9: Operating margin



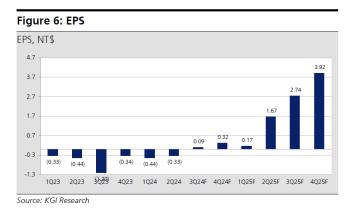
Source: KGI Research

Figure 4: 3Q24 sales breakdown

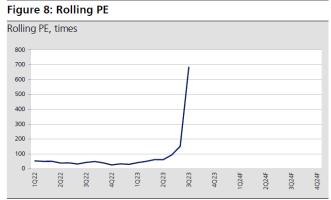




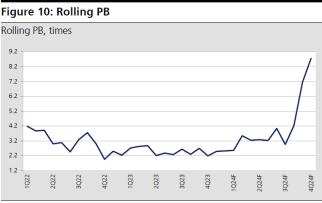
Source: Company data; KGI Research







Source: KGI Research



Source: KGI Research



Income statement

	Quarterly								Annually		
	Mar-24A	Jun-24A	Sep-24F	Dec-24F	Mar-25F	Jun-25F	Sep-25F	Dec-25F	Dec-23A	Dec-24F	Dec-25
Income statement (NT\$mn)											
Revenue	324	273	323	368	328	530	794	983	1,056	1,288	2,635
Cost of goods sold	(304)	(233)	(234)	(259)	(242)	(298)	(402)	(455)	<mark>(</mark> 918)	(1,029)	(1,397
Gross profit	20	40	89	109	86	232	392	528	138	258	1,238
Operating expenses	(87)	(87)	(81)	(84)	(75)	(82)	(85)	(88)	(417)	(339)	(330
Operating profit	(67)	(47)	8	25	11	150	307	440	(279)	(80)	908
Depreciation of fixed assets	(107)	(101)	(156)	(258)	(167)	(167)	(167)	(167)	(455)	(622)	(669
Amortisation of intangible assets	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(1)	(3)	(4)	(4
EBITDA	42	54	165	285	179	319	475	609	178	546	1,582
Interest income	5	7	9	2	2	2	2	2	21	23	9
Investment income	-	-	-	-	-	-	-	-	-	-	-
Other non-op income		-	-	1	1	1	1	1	-	1	4
Non-operating income	5	7	9	3	3	3	3	3	21	24	13
Interest expense	(1)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(5)	(5)	(4
Investment loss	-	-	-	-	-	-	-	-	-	-	-
Other non-op expenses	13	4	(5)	2	2	2	2	2	(1)	13	8
Non-operating expenses	12	2	(7)	1	1	1	1	1	(6)	8	4
Pre-tax profit	(50)	(38)	10	30	15	155	311	445	(264)	(49)	926
Current taxation	10	8	(2)	-	-	-	(58)	(82)	53	16	(140
Minorities	-	-	-	-	-	-	-	-	-	-	-
Normalised net profit	(40)	(31)	8	30	15	155	254	362	(212)	(33)	786
Extraordinary items	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	-	(0)	(0
Net profit	(40)	(31)	8	30	15	155	254	362	(212)	(33)	786
EPS (NT\$)	(0.44)	(0.33)	0.09	0.32	0.17	1.67	2.74	3.92	(2.31)	(0.36)	8.49
Margins (%)											
Gross profit margin	6.1	14.6	27.6	29.7	26.2	43.8	49.4	53.7	13.1	20.1	47.0
Operating margin	(20.6)	(17.4)	2.5	6.9	3.4	28.3	38.6	44.8	(26.4)	(6.2)	34.5
EBITDA margin	12.8	20.0	51.0	77.5	54.7	60.1	59.8	61.9	16.9	42.4	60.0
Pretax profit margin	(15.4)	(14.1)	3.1	8.1	4.7	29.2	39.2	45.2	(25.0)	(3.8)	35.1
Net profit margin	(12.3)	(11.3)	2.4	8.1	4.7	29.2	31.9	36.9	(20.0)	(2.6)	29.8
Sequential growth (%)											
Revenue growth	9.2	(15.9)	18.5	13.9	(10.9)	61.6	49.8	23.8			
Gross profit growth	(74.7)	99.7	124.2	22.8	(21.4)	169.9	68.7	34.8			
Operating profit growth	138.1	(28.9)		213.2	(56.6)	1259.7	104.2	43.5			
EBITDA growth	(53.5)	31.0	202.8	73.2	(37.1)	77.6	49.2	28.1			
Pretax profit growth	29.6	(23.3)		200.3	(48.4)	907.8	101.3	42.9			
Net profit growth	29.6	(23.3)		276.3	(48.4)	907.8	64.1	42.9			
YoY growth (%)											
Revenue growth	(1.1)	7.8	80.4	24.0	1.2	94.4	145.8	167.1	(55.6)	21.9	104.6
Gross profit growth	(65.0)	5.8		39.1	332.2	484.2	339.7	382.7	(81.8)	87.0	379.6
Operating profit growth	117.3	(33.5)					3676.6	1630.1	(183.5)	(71.2)	
EBITDA growth	(48.1)	29.4		219.3	332.1	485.6	188.4	113.3	(78.0)	206.2	189.7
Pretax profit growth	65.7	(34.7)					3042.8	1395.2	(169.9)	(81.6)	
Net profit growth	32.6	(24.9)					3109.0	1118.6	(164.2)	(84.4)	

Source: Company data; KGI Research estimates



Taiwan

104.6%

189.7%

47.0%

34.5%

60.0%

29.8%

16.6%

19.7%

0.0%

232.4

260.9

260.9

4.9

4.1

(1,178)

8.49

11.28

45.73

45.40

28.48

17.09

4.00

0.56

79.4

142.1

22.2

199.3

10

Net cash

Balance sheet					
NT\$mn	Dec-21A	Dec-22A	Dec-23A	Dec-24F	Dec-25F
Total assets	4,981	5,117	4,384	4,357	5,120
Current assets	2,381	2,511	1,909	2,055	3,036
Cash & ST securities	1,771	1,644	1,299	1,353	1,897
Inventory	289	376	357	400	544
Accounts receivable	297	458	230	279	574
Other current assets	24	33	22	22	22
Non-current assets	2,600	2,606	2,475	2,303	2,084
LT investments	-	-	116	116	116
Net fixed assets	2,123	2,164	1,969	1,796	1,577
Other assets	477	443	390	390	390
Total liabilities	709	761	522	575	919
Current liabilities	391	450	219	271	615
Accounts payable	89	176	56	63	85
Interest bearing ST liabilities	-	-	-	-	-
Other current liabilities	302	273	163	209	530
Non-current liabilities	318	311	303	303	303
Long-term debt	-	-	-	-	-
Other L-T liabilities	7	5	5	5	5
Total equity	4,272	4,357	3,862	3,783	4,201
Share capital	914	919	919	919	919
Retained earnings reserve	962	985	465	386	804
Minority interests	-	-	-	-	-
Preferred shareholders funds	-	-	-	-	-

Key ratios Dec-21A Dec-22A Dec-23A Dec-24F Dec-25F Growth (18.9%)27.1% (55.6%)21.9% Revenue growth (71.2%) Operating profit growth (41.8%) (19.0%) (183.5%) (22.7%) EBITDA growth (10.3%) (78.0%) 206.2% Net profit growth (42.9%) (2.4%) (164.2%) (84.4%) EPS growth (43.0%) (2.6%) (164.0%) (84.5%) Profitability Gross profit margin 41.0% 31.9% 13.1% 20.1% Operating margin 22.0% 14.0% (26.4%) (6.2%) EBITDA margin 48.3% 34.1% 16.9% 42.4% Net profit margin 18.0% 13.8% (20.0%) (2.6%) Return on average assets 6.6% 6.5% (4.5%) (0.8%) Return on average equity 7.8% 7.6% (5.1%) (0.9%) Stability Gross debt to equity 0.0% 0.0% 0.0% 0.0% Net debt to equity Net cash Net cash Net cash Net cash Interest coverage (x) 100.5 (50.7) 80.0 (8.1)Interest & ST debt coverage (x) 11 10 10 10 133.5 Cash flow interest coverage(x) 243.4 46.8 95.3 Cash flow/int. & ST debt (x) 243.4 133.5 46.8 95.3 Current ratio (x) 7.6 6.1 5.6 8.7 4.7 Ouick ratio (x) 5.3 7.1 6.1 Net debt (NT\$mn) (1,771) (581) (1,644) (635) Per share data EPS (NT\$) 3.71 3.61 (2.31) (0.36) CFPS (NT\$) 11.23 7.01 2.62 5.50

46.76

46.96

20.58

9.94

3.50

0 37

57.8

95.7

29.5

124.0

47.42

47.76

26.10

8.89

3.50

047

70.3

84.7

39.7

115.2

42.04

42.22

11.55

1.95

0.50

0.22

79.4

142.1

22.2

199.3

41.18

40.94

13.93

5.91

0.50

0.29

79.4

142.1

22.2

199.3

Profit & loss					
NT\$mn	Dec-21A	Dec-22A	Dec-23A	Dec-24F	Dec-25F
Revenue	1,873	2,381	1,056	1,288	2,635
Cost of goods sold	(1,104)	(1,622)	(918)	(1,029)	(1,397)
Gross profit	768	759	138	258	1,238
Operating expenses	(356)	(425)	(417)	(339)	(330)
Operating profit	412	334	(279)	(80)	908
Non-operating income	7	10	21	24	13
Interest income	7	10	21	23	9
Investment income	-	-	-	-	-
Other non-op income	-	-	-	1	4
Non-operating expenses	(1)	34	(6)	8	4
Interest expense	(4)	(5)	(5)	(5)	(4)
Investment loss	-	-	-	-	-
Other non-op expenses	3	39	(1)	13	8
Pre-tax profit	418	378	(264)	(49)	926
Current taxation	(80)	(49)	53	16	(140)
Minorities	-	-	-	-	-
Extraordinary items	-	(0)	0	(0)	(0)
Net profit	338	330	(212)	(33)	786
EBITDA	904	811	178	546	1,582
EPS (NT\$)	3.71	3.61	(2.31)	(0.36)	8.49

Cash flow					
NT\$mn	Dec-21A	Dec-22A	Dec-23A	Dec-24F	Dec-25F
Operations cash flow	1,022	639	240	508	1,043
Net profit	338	330	(212)	(33)	786
Depreciation & amortisation	492	477	457	626	673
Decrease in working capital	207	(193)	90	(85)	(416)
Other operating cash flow	(15)	25	(96)	(0)	0
Investing cash flow	(333)	(460)	(970)	(454)	(454)
Sale of ST investment	-	-	(819)	-	-
New investments	-	-	-	-	-
Capital expenditure	(206)	(363)	(151)	(450)	(450)
Others investing cashflow	(127)	(97)	(0)	(4)	(4)
Free cash flow	820	208	170	32	575
Financing cash flow	(465)	(306)	(330)	(0)	(46)
Increase in short term debt	-	-	-		
Increase in long term loans	-	-	-	-	-
New ordinary shares issued	-	-	-		
Ordinary dividends paid	(457)	(320)	(322)	-	(46)
Other financing cashflow	(8)	14	(8)	(0)	0
Forex effects	(0)	(1)	(3)		
Total cash generated	224	(128)	(1,063)	54	543

	Dec-21A	Dec-22A	Dec-23A	Dec-24F	Dec-25F
1 - COGS/revenue					
- Operating exp./revenue	19.0%	17.9%	39.5%	26.3%	12.5%
= Operating margin	22.0%	14.0%	(26.4%)	(6.2%)	34.5%
1 / (Working capital/revenue	0.1	0.2	0.4	0.3	0.2
+ Net PPE/revenue	1.1	0.9	1.9	1.4	0.6
+ Other assets/revenue)	0.1	0.0	0.0	0.0	0.0
= Capital turnover	0.8	0.9	0.4	0.6	1.2
Operating margin	22.0%	14.0%	(26.4%)	(6.2%)	34.5%
x Capital turnover	0.8	0.9	0.4	0.6	1.2
x (1 - tax rate)	80.8%	87.1%	80.0%	67.8%	84.9%
= After-tax ROIC	13.4%	10.8%	(9.4%)	(2.4%)	36.4%

Source: Company data; KGI Research estimates

Source: Company data; KGI Research estimates

BVPS (NT\$)

SPS (NT\$)

Activity Sales / avg assets

Adj BVPS (NT\$)

Cash DPS (NT\$)

Days receivable

Days inventory

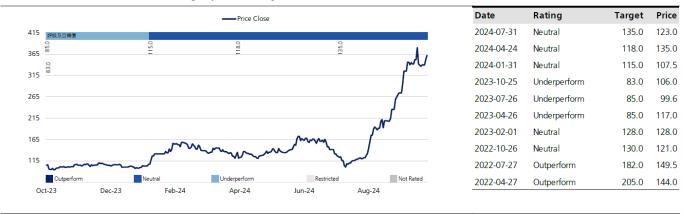
Days payable

Cash cycle

EBITDA/share (NT\$)



LandMark - Recommendation & target price history



Source: TEJ; KGI Research

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