

Marvell Technology Group Ltd

Third Quarter of Fiscal Year 2019
December 4, 2018

Forward-Looking Statements under the Private Securities Litigation Reform Act of 1995

This document and the accompanying press release contains forward-looking statements within the meaning of the federal securities laws that involve risks and uncertainties, including: the impact on future performance of Marvell's newly announced products; Marvell's expectations regarding its fourth quarter of fiscal 2019 financial outlook, renewed revenue growth from the Cavium business and 5G product development growth; and Marvell's use of non-GAAP financial measures as important supplemental information. Words such as "anticipates," "expects," "intends," "plans," "projects," "believes," "seeks," "estimates," "can," "may," "will," "would" and similar expressions identify such forward-looking statements. These statements are not guarantees of results and should not be considered as an indication of future activity or future performance. Actual events or results may differ materially from those described in this press release due to a number of risks and uncertainties, including, but not limited to: the effect of the consummation of our acquisition of Cavium on the combined company's business relationships, operating results, and business generally; potential difficulties in Cavium employee retention as a result of the transaction; the ability of Marvell to successfully integrate Cavium's operations and product lines; the ability of Marvell to implement its plans, forecasts, and other expectations with respect to Cavium's business and realize the anticipated synergies and cost savings in the time frame anticipated or at all, and identify and realize additional opportunities; the risk of downturns in the highly cyclical semiconductor industry; Marvell's dependence upon the storage and networking markets, which are highly cyclical and intensely competitive; the outcome of pending or future litigation and legal and regulatory proceedings; Marvell's dependence on a small number of customers; severe financial hardship or bankruptcy of one or more of Marvell's major customers; Marvell's ability to define, design and develop products for the 5G market; Marvell's ability to market its 5G products to Tier 1 infrastructure customers; Marvell's ability and the ability of its customers to successfully compete in the markets in which it serves; Marvell's reliance on independent foundries and subcontractors for the manufacture, assembly and testing of its products; Marvell's ability and its customers' ability to develop new and enhanced products and the adoption of those products in the market; decreases in gross margin and results of operations in the future due to a number of factors; Marvell's ability to estimate customer demand and future sales accurately; Marvell's ability to scale its operations in response to changes in demand for existing or new products and services; the impact of international conflict and continued economic volatility in either domestic or foreign markets; the effects of transitioning to smaller geometry process technologies; the risks associated with manufacturing and selling a majority of products and customers' products outside of the United States; risks associated with acquisition and consolidation activity in the semiconductor industry; the impact of any change in the income tax laws in jurisdictions where Marvell operates and the loss of any beneficial tax treatment that Marvell currently enjoys; the effects of any potential acquisitions or investments; Marvell's ability to protect its intellectual property; the impact and costs associated with changes in international financial and regulatory conditions; Marvell's maintenance of an effective system of internal controls; and other risks detailed in Marvell's SEC filings from time to time. For other factors that could cause Marvell's results to vary from expectations, please see the risk factors identified in Marvell's Quarterly Report on Form 10-Q for the fiscal quarter ended August 4, 2018 as filed with the SEC on September 12, 2018, and other factors detailed from time to time in Marvell's filings with the SEC. Marvell undertakes no obligation to revise or update publicly any forward-looking statements.

Discussion of Non-GAAP Financial Measures

Non-GAAP financial measures exclude the effect of share-based compensation expense, amortization of the inventory fair value step up, amortization and write-off of acquired intangible assets, acquisition-related costs, restructuring and other related charges, litigation settlement, and certain expenses and benefits that are driven primarily by discrete events that management does not consider to be directly related to Marvell's core business.

Marvell uses a non-GAAP tax rate to compute the non-GAAP tax provision. This non-GAAP tax rate is based on Marvell's estimated annual GAAP income tax forecast, adjusted to account for items excluded from GAAP income in calculating Marvell's non-GAAP income, as well as the effects of significant non-recurring and period specific tax items which vary in size and frequency. Marvell's non-GAAP tax rate is determined on an annual basis and may be adjusted during the year to take into account events that may materially affect the non-GAAP tax rate such as tax law changes; significant changes in Marvell's geographic mix of revenue and expenses; or changes to Marvell's corporate structure. For the third quarter of fiscal 2019, a non-GAAP tax rate of 4% has been applied to the non-GAAP financial results.

Non-GAAP diluted net income per share from continuing operations is calculated by dividing non-GAAP net income from continuing operations by weighted average shares outstanding (diluted). Historically, Marvell included non-GAAP share adjustments in its earnings releases. Beginning in the third quarter of fiscal year 2019, Marvell no longer provides this non-GAAP adjustment and will calculate non-GAAP income (loss) per share using the GAAP weighted average shares. Marvell is making this change in order to align with its industry peer companies' non-GAAP income (loss) per share reporting for comparability purposes.

Marvell believes that the presentation of non-GAAP financial measures provide important supplemental information to management and investors regarding financial and business trends relating to Marvell's financial condition and results of operations. While Marvell uses non-GAAP financial measures as a tool to enhance its understanding of certain aspects of its financial performance, Marvell does not consider these measures to be a substitute for, or superior to, financial measures calculated in accordance with GAAP. Consistent with this approach, Marvell believes that disclosing non-GAAP financial measures to the readers of its financial statements provides such readers with useful supplemental data that, while not a substitute for GAAP financial measures, allows for greater transparency in the review of its financial and operational performance.

Discussion of Non-GAAP Financial Measures (continued)

Externally, management believes that investors may find Marvell's non-GAAP financial measures useful in their assessment of Marvell's operating performance and the valuation of Marvell. Internally, Marvell's non-GAAP financial measures are used in the following areas:

- Management's evaluation of Marvell's operating performance;
- Management's establishment of internal operating budgets;
- Management's performance comparisons with internal forecasts and targeted business models; and
- Management's determination of the achievement and measurement of certain performance-based equity awards (adjustments may vary from award to award).

Non-GAAP financial measures have limitations in that they do not reflect all of the costs associated with the operations of Marvell's business as determined in accordance with GAAP. As a result, you should not consider these measures in isolation or as a substitute for analysis of Marvell's results as reported under GAAP. Marvell expects to continue to incur expenses similar to the non-GAAP adjustments described above, and exclusion of these items from Marvell's non-GAAP net income should not be construed as an inference that these costs are unusual, infrequent or non-recurring.

Marvell Technology Group Ltd.
Unaudited Condensed Consolidated Balance Sheets
(In thousands)

	January 28, 2017	April 29, 2017	July 29, 2017	October 28, 2017	February 3, 2018	May 5, 2018	August 4, 2018	November 3, 2018
Assets								
Current assets:								
Cash and cash equivalents	\$ 814,092	\$ 725,962	\$ 630,501	\$ 800,099	\$ 888,482	\$ 1,167,258	\$ 498,659	\$ 610,261
Short-term investments	854,268	923,449	943,006	931,976	952,790	712,053	25,000	—
Accounts receivable, net	335,384	357,147	371,697	366,114	280,395	329,650	443,276	453,775
Inventories	170,842	175,805	175,355	173,741	170,039	169,556	473,429	376,210
Prepaid expenses and other current assets	58,771	44,577	46,491	49,920	41,482	38,868	72,388	49,230
Assets held for sale	57,077	52,152	41,896	36,571	30,767	30,707	31,182	30,745
Total current assets	<u>2,290,434</u>	<u>2,279,092</u>	<u>2,208,946</u>	<u>2,358,421</u>	<u>2,363,955</u>	<u>2,448,092</u>	<u>1,543,934</u>	<u>1,520,221</u>
Property and equipment, net	243,397	239,358	235,354	198,173	202,222	213,656	327,645	313,113
Goodwill	1,993,310	1,993,310	1,993,310	1,993,310	1,993,310	1,993,310	5,497,608	5,499,145
Acquired intangible assets, net	3,570	2,498	1,433	358	—	—	2,718,061	2,639,370
Other non-current assets	117,939	121,979	148,407	131,942	148,800	209,261	275,598	260,176
Total assets	<u>\$ 4,648,650</u>	<u>\$ 4,636,237</u>	<u>\$ 4,587,450</u>	<u>\$ 4,682,204</u>	<u>\$ 4,708,287</u>	<u>\$ 4,864,319</u>	<u>\$ 10,362,846</u>	<u>\$ 10,232,025</u>
Liabilities and Shareholders' Equity								
Current liabilities:								
Accounts payable	\$ 143,484	\$ 179,017	\$ 153,862	\$ 166,096	\$ 145,236	\$ 157,043	\$ 196,297	\$ 209,562
Accrued liabilities	143,491	154,315	106,351	108,007	86,958	180,117	277,098	302,095
Accrued employee compensation	139,647	132,118	131,272	129,035	127,711	105,601	127,381	141,602
Deferred income	63,976	73,109	70,063	74,943	61,237	1,880	3,511	2,947
Liabilities held for sale	5,818	1,701	1,015	—	—	—	3,935	—
Total current liabilities	<u>496,416</u>	<u>540,260</u>	<u>462,563</u>	<u>478,081</u>	<u>421,142</u>	<u>444,641</u>	<u>608,222</u>	<u>656,206</u>
Long-term debt	—	—	—	—	—	—	1,878,617	1,805,734
Non-current income taxes payable	60,646	62,720	55,714	56,641	56,976	56,606	52,438	53,862
Deferred tax liabilities	38,777	50,850	52,593	51,129	52,204	52,292	114,312	108,016
Other non-current liabilities	25,160	20,561	42,483	35,404	36,552	25,269	44,191	32,928
Total liabilities	<u>620,999</u>	<u>674,391</u>	<u>613,353</u>	<u>621,255</u>	<u>566,874</u>	<u>578,808</u>	<u>2,697,780</u>	<u>2,656,746</u>
Shareholders' equity:								
Common stock	1,012	1,001	991	982	991	1,000	1,316	1,314
Additional paid-in-capital	3,016,775	2,876,507	2,752,541	2,669,775	2,733,292	2,744,478	6,153,890	6,157,283
Accumulated other comprehensive income (loss)	23	(164)	899	(192)	(2,322)	(2,404)	—	—
Retained earnings	<u>1,009,841</u>	<u>1,084,502</u>	<u>1,219,666</u>	<u>1,390,384</u>	<u>1,409,452</u>	<u>1,542,437</u>	<u>1,509,860</u>	<u>1,416,682</u>
Total shareholders' equity	<u>4,027,651</u>	<u>3,961,846</u>	<u>3,974,097</u>	<u>4,060,949</u>	<u>4,141,413</u>	<u>4,285,511</u>	<u>7,665,066</u>	<u>7,575,279</u>
Total liabilities and shareholders' equity	<u>\$ 4,648,650</u>	<u>\$ 4,636,237</u>	<u>\$ 4,587,450</u>	<u>\$ 4,682,204</u>	<u>\$ 4,708,287</u>	<u>\$ 4,864,319</u>	<u>\$ 10,362,846</u>	<u>\$ 10,232,025</u>
GAAP inventory turns	5.6	5.2	5.5	5.5	5.7	5.4	2.4	5.0
GAAP days in inventory	65	70	66	66	64	67	152	73

Marvell Technology Group Ltd.
Unaudited Consolidated Statements of Operations
(In thousands, except per share amounts)

	January 28, 2017	April 29, 2017	July 29, 2017	October 28, 2017	February 3, 2018	May 5, 2018	August 4, 2018	November 3, 2018
Net revenue	\$ 566,362	\$ 572,709	\$ 604,750	\$ 616,302	\$ 615,409	\$ 604,631	\$ 665,310	\$ 851,051
Cost of goods sold	240,448	227,198	239,572	238,533	241,927	228,938	288,200	467,464
Gross profit	<u>325,914</u>	<u>345,511</u>	<u>365,178</u>	<u>377,769</u>	<u>373,482</u>	<u>375,693</u>	<u>377,110</u>	<u>383,587</u>
Operating expenses:								
Research and development	175,262	188,096	180,871	165,477	180,000	176,734	216,285	264,888
Selling, general and administrative	59,140	55,104	55,659	59,112	68,291	72,313	133,701	112,178
Litigation settlement	—	—	—	—	74,385	—	—	—
Restructuring related charges (gain)	90,475	886	4,285	3,284	(3,205)	1,567	35,415	27,031
Total operating expenses	<u>324,877</u>	<u>244,086</u>	<u>240,815</u>	<u>227,873</u>	<u>319,471</u>	<u>250,614</u>	<u>385,401</u>	<u>404,097</u>
Operating income	1,037	101,425	124,363	149,896	54,011	125,079	(8,291)	(20,510)
Interest income	3,193	3,512	3,830	4,301	5,738	6,069	3,575	1,046
Interest expense	(71)	(51)	(80)	(262)	(292)	(244)	(15,795)	(22,370)
Other income (loss), net	658	(128)	3,438	2,161	(658)	1,471	(2,701)	(2,628)
Interest and other income (loss), net	<u>3,780</u>	<u>3,333</u>	<u>7,188</u>	<u>6,200</u>	<u>4,788</u>	<u>7,296</u>	<u>(14,921)</u>	<u>(23,952)</u>
Income from continuing operations before income taxes	4,817	104,758	131,551	156,096	58,799	132,375	(23,212)	(44,462)
Provision (benefit) for income taxes	68,345	5,166	(3,899)	6,759	10,036	3,763	(29,971)	9,305
Income (loss) from continuing operations, net of tax	(63,528)	99,592	135,450	149,337	48,763	128,612	6,759	(53,767)
Income (loss) from discontinued operations, net of tax	(16,563)	7,029	29,809	50,851	—	—	—	—
Net income (loss)	<u>\$ (80,091)</u>	<u>\$ 106,621</u>	<u>\$ 165,259</u>	<u>\$ 200,188</u>	<u>\$ 48,763</u>	<u>\$ 128,612</u>	<u>\$ 6,759</u>	<u>\$ (53,767)</u>
Net income (loss) per share - Basic:								
Continuing operations	\$ (0.13)	\$ 0.20	\$ 0.27	\$ 0.30	\$ 0.10	\$ 0.26	\$ 0.01	\$ (0.08)
Discontinued operations	\$ (0.03)	\$ 0.01	\$ 0.06	\$ 0.11	\$ —	\$ —	\$ —	\$ —
Net income (loss) per share - Basic	\$ (0.16)	\$ 0.21	\$ 0.33	\$ 0.41	\$ 0.10	\$ 0.26	\$ 0.01	\$ (0.08)
Net income (loss) per share - Diluted:								
Continuing operations	\$ (0.13)	\$ 0.20	\$ 0.26	\$ 0.30	\$ 0.10	\$ 0.25	\$ 0.01	\$ (0.08)
Discontinued operations	\$ (0.03)	\$ 0.01	\$ 0.06	\$ 0.10	\$ —	\$ —	\$ —	\$ —
Net income (loss) per share - Diluted	\$ (0.16)	\$ 0.21	\$ 0.32	\$ 0.40	\$ 0.10	\$ 0.25	\$ 0.01	\$ (0.08)
Weighted average shares - Basic	507,834	503,790	500,817	494,096	493,663	497,335	552,238	657,519
Weighted average shares - Diluted	507,834	517,592	510,309	504,903	506,197	508,716	562,149	657,519
The following table presents details of total share-based compensation expense included in each functional line item in the unaudited condensed consolidated statements of income above:								
Cost of goods sold	\$ 1,641	\$ 1,426	\$ 1,810	\$ 1,747	\$ 1,662	\$ 1,905	\$ 4,748	\$ 2,429
Research and development	11,063	13,990	12,371	12,713	13,053	14,285	26,859	34,960
Selling, general and administrative	8,958	6,323	7,186	6,179	6,662	7,662	41,816	12,851
Total share-based compensation	<u>\$ 21,662</u>	<u>\$ 21,739</u>	<u>\$ 21,367</u>	<u>\$ 20,639</u>	<u>\$ 21,377</u>	<u>\$ 23,852</u>	<u>\$ 73,423</u>	<u>\$ 50,240</u>

Marvell Technology Group Ltd.
Unaudited Condensed Consolidated Statements of Cash Flows
(In thousands)

	January 28, 2017	April 29, 2017	July 29, 2017	October 28, 2017	February 3, 2018	May 5, 2018	August 4, 2018	November 3, 2018
Cash flows from operating activities:								
Net income (loss)	\$ (80,091)	\$ 106,621	\$ 165,259	\$ 200,188	\$ 48,763	\$ 128,612	\$ 6,759	\$ (53,767)
Adjustments to reconcile net income (loss) to net cash provided by operating activities:								
Depreciation and amortization	26,683	20,742	20,444	21,383	20,918	20,343	26,754	39,259
Share-based compensation	24,058	24,017	22,422	18,873	21,377	23,852	59,392	50,240
Amortization of acquired intangible assets	1,965	1,071	1,065	1,076	358	—	25,939	78,691
Amortization of inventory fair value adjustment associated with acquisition of Cavium	—	—	—	—	—	—	22,933	102,842
Amortization of deferred debt issuance costs and debt discounts	—	—	—	—	—	—	7,073	2,217
Restructuring related impairment charges (gain)	50,500	(516)	70	44	(4,159)	—	1,993	9,888
Gain from investments in privately-held companies	—	—	(750)	(1,751)	—	(1,100)	—	—
Amortization (accretion) of premium /discount on available-for-sale securities	1,622	206	597	(200)	392	1,161	(537)	—
Other non-cash expense (income), net	(2,635)	(25)	(1,398)	2,755	(7)	813	3,414	—
Excess tax benefits from share-based compensation	(27)	—	—	—	—	—	—	—
Deferred income taxes	46,859	783	2,008	7	17,027	824	(22,238)	(6,261)
Loss (gain) on sale of property and equipment	—	58	(341)	(190)	(270)	17	(137)	179
Gain on sale of discontinued operations	—	(8,155)	(34,032)	(46,219)	—	—	—	—
Loss (gain) on sale of business	—	—	(5,254)	—	—	—	—	1,592
Changes in assets and liabilities:								
Accounts receivable	26,811	(21,763)	(14,550)	5,583	85,719	(47,393)	(1,356)	(10,948)
Inventories	18,381	(11,542)	(3,170)	(1,327)	3,878	2,680	4,186	(5,007)
Prepaid expenses and other assets	2,181	5,394	2,460	5,268	(627)	(14,108)	(5,396)	7,630
Accounts payable	(38,694)	31,423	(27,455)	16,119	(36,700)	14,744	(15,015)	22,531
Accrued liabilities and other non-current liabilities	27,498	(11,625)	(21,793)	(7,046)	(21,898)	21,236	(32,468)	40,255
Accrued employee compensation	7,597	(7,529)	(846)	(2,237)	(1,324)	(22,110)	(19,429)	20,617
Deferred income	6,138	5,016	(3,732)	3,865	(13,706)	(797)	68	(564)
Net cash provided by operating activities	<u>118,846</u>	<u>134,176</u>	<u>101,004</u>	<u>216,191</u>	<u>119,741</u>	<u>128,774</u>	<u>61,935</u>	<u>299,394</u>
Cash flows from investing activities:								
Purchases of available-for-sale securities	(146,046)	(198,416)	(177,811)	(296,659)	(162,607)	(13,457)	(1,499)	—
Sales of available-for-sale securities	157,953	78,764	37,936	167,451	22,671	70,273	553,623	—
Maturities of available-for-sale securities	41,264	82,235	87,377	136,090	120,639	128,820	59,165	—
Return of investment from (in) privately-held companies	(258)	—	2,388	3,701	—	—	—	—
Purchases of time deposits	(75,000)	(75,000)	(75,000)	(75,000)	(75,000)	(25,000)	—	—

Marvell Technology Group Ltd.
Unaudited Condensed Consolidated Statements of Cash Flows
(In thousands)

	January 28, 2017	April 29, 2017	July 29, 2017	October 28, 2017	February 3, 2018	May 5, 2018	August 4, 2018	November 3, 2018
Maturities of time deposits	75,000	75,000	75,000	75,000	75,000	75,000	75,000	25,000
Purchases of technology licenses	(1,870)	(1,093)	(608)	(3,555)	(1,331)	(360)	(903)	(9,918)
Purchases of property and equipment	(6,786)	(9,741)	(4,803)	(10,613)	(13,395)	(13,588)	(20,801)	(12,646)
Proceeds from sales of property and equipment	—	685	1,054	249	10,571	11	212	595
Cash payment for acquisition of Cavium, net of cash and cash equivalents acquired	—	—	—	—	—	—	(2,649,465)	—
Net proceeds from sale of discontinued operations	—	22,954	41,976	93,735	—	—	—	—
Net proceeds (payments) from sale of business	—	—	—	2,402	—	—	1,250	(4,602)
Other	—	7,275	—	—	—	(5,000)	—	—
Net cash provided by (used in) investing activities	<u>44,257</u>	<u>(17,337)</u>	<u>(12,491)</u>	<u>92,801</u>	<u>(23,452)</u>	<u>216,699</u>	<u>(1,983,418)</u>	<u>(1,571)</u>
Cash flows from financing activities:								
Repurchases of common stock	(125,033)	(166,293)	(221,265)	(140,017)	—	—	—	(53,969)
Proceeds from employee stock plans	62,383	19,939	77,872	39,614	42,878	11,055	33,525	16,192
Tax withholding paid on behalf of employees for net share settlement	(402)	(21,809)	(3,005)	(1,120)	(905)	(23,893)	(12,883)	(8,915)
Dividend payment to shareholders	(30,457)	(29,991)	(30,095)	(29,470)	(29,695)	(29,798)	(39,383)	(39,411)
Payments on technology license obligations	(7,117)	(6,815)	(7,481)	(8,401)	(5,806)	(20,461)	(9,017)	(23,003)
Excess tax benefits from share-based compensation	27	—	—	—	—	—	—	—
Proceeds from issuance of debt	—	—	—	—	—	—	1,892,605	—
Principal payments of debt	—	—	—	—	—	—	(606,128)	(75,000)
Payment of equity and debt financing costs	—	—	—	—	(14,378)	(3,600)	(5,835)	(2,115)
Net cash provided by (used in) financing activities	<u>(100,599)</u>	<u>(204,969)</u>	<u>(183,974)</u>	<u>(139,394)</u>	<u>(7,906)</u>	<u>(66,697)</u>	<u>1,252,884</u>	<u>(186,221)</u>
Net increase (decrease) in cash and cash equivalents	62,504	(88,130)	(95,461)	169,598	88,383	278,776	(668,599)	111,602
Cash and cash equivalents at beginning of period	751,588	814,092	725,962	630,501	800,099	888,482	1,167,258	498,659
Cash and cash equivalents at end of period	<u>\$ 814,092</u>	<u>\$ 725,962</u>	<u>\$ 630,501</u>	<u>\$ 800,099</u>	<u>\$ 888,482</u>	<u>\$ 1,167,258</u>	<u>\$ 498,659</u>	<u>\$ 610,261</u>

Unaudited Supplemental Financial Information

GAAP net cash provided by operating activities	\$ 118,846	\$ 134,176	\$ 101,004	\$ 216,191	\$ 119,741	\$ 128,774	\$ 61,935	\$ 299,394
Purchases of property and equipment	(6,786)	(9,741)	(4,803)	(10,613)	(13,395)	(13,588)	(20,801)	(12,646)
Purchases of technology licenses	(1,870)	(1,093)	(608)	(3,555)	(1,331)	(360)	(903)	(9,918)
Payment on technology license obligations	(7,117)	(6,815)	(7,481)	(8,401)	(5,806)	(20,461)	(9,017)	(23,003)
Free cash flow	<u>\$ 103,073</u>	<u>\$ 116,527</u>	<u>\$ 88,112</u>	<u>\$ 193,622</u>	<u>\$ 99,209</u>	<u>\$ 94,365</u>	<u>\$ 31,214</u>	<u>\$ 253,827</u>
Free cash flow as percentage of net sales	18.2%	20.3%	14.6%	31.4%	16.1%	15.6%	4.7%	29.8%

Marvell Technology Group Ltd.
Unaudited Reconciliations from GAAP to Non-GAAP
(In thousands, except per share amounts)

	January 28, 2017	April 29, 2017	July 29, 2017	October 28, 2017	February 3, 2018	May 5, 2018	August 4, 2018	November 3, 2018
GAAP Net income (loss)	\$ (80,091)	\$ 106,621	\$ 165,259	\$ 200,188	\$ 48,763	\$ 128,612	\$ 6,759	\$ (53,767)
Less: Income (loss) from discontinued operations	(16,563)	7,029	29,809	50,851	—	—	—	—
GAAP Net income (loss) from continuing operations	(63,528)	99,592	135,450	149,337	48,763	128,612	6,759	(53,767)
(1) Cost of goods sold								
Share-based compensation	1,641	1,426	1,810	1,747	1,662	1,905	4,748	2,429
Amortization of acquired intangible assets	—	—	—	—	—	—	18,984	57,594
Other costs of goods sold	—	—	3,000	—	8,000	—	22,933	105,841
(2) Research and development:								
Share-based compensation	11,063	13,990	12,371	12,713	13,053	14,285	26,859	34,960
Other operating expenses	299	2,160	1,790	(268)	—	—	301	455
(3) Selling, general and administrative:								
Share-based compensation	8,958	6,323	7,186	6,179	6,662	7,662	41,816	12,851
Amortization of acquired intangible assets	1,480	1,071	1,065	1,076	358	—	6,955	21,098
Other operating expenses	16	143	(103)	388	10,579	15,252	27,928	10,767
(4) Restructuring and other exit related costs in Operating Expense	90,475	886	4,285	3,284	(3,205)	1,567	35,415	27,031
(5) Luna settlement and related charges in Operating Expense	—	—	—	—	74,385	—	—	—
(6) Interest and other (income) loss, net								
Restructuring related items	—	—	(3,085)	(2,286)	1,355	(1,512)	(121)	1,491
Write-off of debt issuance costs	—	—	—	—	—	—	6,104	850
(7) Provision for income taxes:								
Tax-related adjustments	67,989	(64)	(10,298)	(398)	3,170	(3,098)	(36,720)	55
Non-GAAP Net income from continuing operations	\$ 118,393	\$ 125,527	\$ 153,471	\$ 171,772	\$ 164,782	\$ 164,673	\$ 161,961	\$ 221,655
Non-GAAP Operating income	\$ 114,969	\$ 127,424	\$ 155,767	\$ 175,015	\$ 165,505	\$ 165,750	\$ 177,648	\$ 252,516

Marvell believes that the presentation of non-GAAP financial measures provides important supplemental information to management and investors regarding financial and business trends relating to its financial condition and results of operations. Marvell uses non-GAAP financial measures as a tool to enhance its understanding of certain aspects of its financial performance. Marvell does not consider these measures to be a substitute for, or superior to, the information provided by GAAP financial measures. Consistent with this approach, Marvell believes that disclosing non-GAAP financial measures to the readers of its financial statements provides such readers with useful supplemental data that, while not a substitute for GAAP financial measures, allows for greater transparency in the review of its financial and operational performance. Marvell has chosen to provide this information to investors to enable them to perform comparisons of operating results in a manner similar to how Marvell analyzes its operating results internally. Management also believes that these non-GAAP financial measures may be used to facilitate comparisons of Marvell's results with that of other companies in its industry.

Quarterly Revenue Trend

(in thousands)

	Q4 2017 Jan 28, 2017	Q1 2018 Apr 29, 2017	Q2 2018 Jul 29, 2017	Q3 2018 Oct 28, 2017	Q4 2018 Feb 03, 2018	Q1 2019 May 05, 2018	Q2 2019 Aug 04, 2018	Q3 2019 Nov 03, 2018
Storage ¹	\$ 310,771	\$ 303,808	\$ 311,501	\$ 315,338	\$ 323,718	\$ 317,069	\$ 335,764	\$ 406,822
Networking ²	213,728	220,906	245,821	253,159	241,611	244,228	283,330	398,424
Core	524,499	524,714	557,322	568,497	565,329	561,297	619,094	805,246
Other ³	41,863	47,995	47,428	47,805	50,080	43,334	46,216	45,805
Total	\$ 566,362	\$ 572,709	\$ 604,750	\$ 616,302	\$ 615,409	\$ 604,631	\$ 665,310	\$ 851,051

% of Total	Q4 2017 Jan 28, 2017	Q1 2018 Apr 29, 2017	Q2 2018 Jul 29, 2017	Q3 2018 Oct 28, 2017	Q4 2018 Feb 03, 2018	Q1 2019 May 05, 2018	Q2 2019 Aug 04, 2018	Q3 2019 Nov 03, 2018
Storage ¹	55%	53%	52%	51%	53%	52%	50%	48%
Networking ²	38%	39%	41%	41%	39%	40%	43%	47%
Core	93%	92%	93%	92%	92%	92%	93%	95%
Other ³	7%	8%	7%	8%	8%	8%	7%	5%
Total	100%							

(1) Storage products are comprised primarily of HDD and SSD Controllers, Fibre Channel Adapters, and Data Center Storage Solutions.

(2) Networking products are comprised primarily of Ethernet Switches, Ethernet Transceivers, Ethernet NICs, Embedded Communications and Infrastructure Processors, Automotive Ethernet, Security Adapters and Processors as well as WiFi solutions including WiFi only, WiFi/Bluetooth combos and WiFi Microcontroller combos. In addition, this grouping includes a few legacy product lines in which we no longer invest, but will generate revenue for several years.

(3) Other products are comprised primarily of Printer Solutions, Application Processors, and others.