

Ciena Reports Fiscal Fourth Quarter 2020 and Year-End Financial Results

December 10, 2020

HANOVER, Md.--(BUSINESS WIRE)-- <u>Ciena®</u> Corporation (NYSE: CIEN), a networking systems, services and software company, today announced unaudited financial results for its fiscal fourth quarter and year ended October 31, 2020.

• Q4 Revenue: \$828.5 million

- Q4 Net Income per Share: \$0.42 GAAP; \$0.60 adjusted (non-GAAP), increasing 3.4% year over year
- Share Repurchases: Reinstituting share repurchase program with the intent to resume purchases in the first quarter of 2021

"Our fiscal fourth quarter and full-year 2020 performance reported today demonstrates that we have the innovation, diversification and global scale to perform well in a challenging environment," said Gary Smith, President and CEO, Ciena. "While we expect current market conditions to persist in the near-term, we are confident in strong secular demand dynamics and our ability to continue to outperform the market."

For the fiscal fourth quarter 2020, Ciena reported revenue of \$828.5 million as compared to \$968.0 million for the fiscal fourth quarter 2019. For fiscal year 2020, Ciena reported revenue of \$3.53 billion, as compared to \$3.57 billion for fiscal year 2019.

Ciena's GAAP net income for the fiscal fourth quarter 2020 was \$65.0 million or \$0.42 per diluted common share, which compares to a GAAP net income of \$80.3 million, or \$0.51 per diluted common share, for the fiscal fourth quarter 2019. For fiscal year 2020, Ciena's GAAP net income was \$361.3 million, or \$2.32 per diluted common share, as compared to a GAAP net income of \$253.4 million, or \$1.61 per diluted common share for fiscal year 2019.

Ciena's adjusted (non-GAAP) net income for the fiscal fourth quarter 2020 was \$94.5 million, or \$0.60 per diluted common share, which compares to an adjusted (non-GAAP) net income of \$90.4 million, or \$0.58 per diluted common share, for the fiscal fourth quarter 2019. For fiscal year 2020, Ciena's adjusted (non-GAAP) net income was \$460.1 million, or \$2.95 per diluted common share, as compared to an adjusted (non-GAAP) net income of \$331.8 million, or \$2.11 per diluted common share for fiscal year 2019.

Performance Summary for the Fiscal Fourth Quarter and the Year Ended October 31, 2020

The tables below (in millions, except percentage data) provide comparisons of certain quarterly and annual results to the prior year. Appendices A and B set forth reconciliations between the GAAP and adjusted (non-GAAP) measures contained in this release.

	GAAP Results (unaudited)										
					Period					Period	
		Quarte	er E	nded	Change		Year	Change			
	0	ctober 31,	No	vember 2,		c	ctober 31,	No	ovember 2,		
	_	2020		2019	Y-T-Y*	_	2020	_	2019	Y-T-Y*	
Revenue	\$	828.5	\$	968.0	(14.4)%	\$	3,532.2	\$	3,572.1	(1.1)%	
Gross margin		48.8%		43.4%	5.4%		46.8%		43.2%	3.6%	
Operating expense	\$	310.9	\$	326.5	(4.8)%	\$	1,165.9	\$	1,195.3	(2.5)%	
Operating margin		11.3%		9.6%	1.7%		13.8%		9.7%	4.1%	

	Non-GAAP Results (unaudited)												
		Quarte	r Eı	nded	Period Change		Year	En	ded	Period Change			
	0	ctober 31, 2020	No	vember 2, 2019	Y-T-Y*	ō	ctober 31, 2020	N	ovember 2, 2019	Y-T-Y*			
Revenue	\$	828.5	\$	968.0	(14.4)%	\$	3,532.2	\$	3,572.1	(1.1)%			
Adj. gross margin		49.5%		43.8%	5.7%		47.4%		43.7%	3.7%			
Adj. operating expense	\$	278.9	\$	295.3	(5.6)%	\$	1,055.3	\$	1,091.8	(3.3)%			
Adj. operating margin		15.8%		13.3%	2.5%		17.6%		13.1%	4.5%			
Adi FRITDA	\$	154.5	\$	151.6	1.9%	\$	713.9	\$	557.3	28 1%			

^{*} Denotes % change, or in the case of margin, absolute change

Revenue by Segment (unaudited)								
Quarter Ended								
October 31	, 2020	November 2	2, 2019					
Revenue	%**	Revenue	% **					

Networking Platforms						
Converged Packet Optical	\$	579.3	69.9	\$	665.8	68.8
Packet Networking	\$	56.0	6.8	_	131.9	13.6
Total Networking Platforms	\$	635.3	76.7	_	797.7	82.4
	_	000.0				02
Platform Software and Services	\$	54.5	6.6		41.2	4.3
	Ť					
Blue Planet Automation Software and Services	\$	20.9	2.5		16.6	1.7
Global Services						
Maintenance Support and Training	\$	67.0	8.1		65.3	6.7
Installation and Deployment	\$	43.0	5.2		36.5	3.8
Consulting and Network Design	\$	7.8	0.9		10.7	1.1
Total Global Services	\$	117.8	14.2		112.5	11.6
Total	\$	828.5	100.0	\$	968.0	100.0
	R	evenue	by Seg	me	ent (unai	udited)
			Year	En	ded	
	00	tober 3				2, 2019
	_		1, 2020	No	ovember	
Networking Platforms	_	etober 31		No		2, 2019 % **
Networking Platforms Converged Packet Ontical	Re	evenue	1, 2020 %**	R	ovember	% **
Converged Packet Optical	Re	evenue 2,547.6	72.1	R	Revenue 2,562.8	% ** 71.8
Converged Packet Optical Packet Networking	\$ 2	2,547.6 267.5	72.1 7.6	R	2,562.8 348.5	% ** 71.8 9.8
Converged Packet Optical	\$ 2	evenue 2,547.6	72.1	R	Revenue 2,562.8	% ** 71.8
Converged Packet Optical Packet Networking Total Networking Platforms	\$ 2	2,547.6 267.5 2,815.1	72.1 7.6 79.7	R	2,562.8 348.5 2,911.3	71.8 9.8 81.6
Converged Packet Optical Packet Networking	\$ 2	2,547.6 267.5	72.1 7.6	R	2,562.8 348.5	% ** 71.8 9.8
Converged Packet Optical Packet Networking Total Networking Platforms Platform Software and Services	\$ 2	2,547.6 267.5 2,815.1 197.8	72.1 7.6 79.7 5.6	R	2,562.8 348.5 2,911.3	71.8 9.8 81.6 4.3
Converged Packet Optical Packet Networking Total Networking Platforms	\$ 2	2,547.6 267.5 2,815.1	72.1 7.6 79.7	R	2,562.8 348.5 2,911.3	71.8 9.8 81.6
Converged Packet Optical Packet Networking Total Networking Platforms Platform Software and Services	\$ 2	2,547.6 267.5 2,815.1 197.8	72.1 7.6 79.7 5.6	R	2,562.8 348.5 2,911.3	71.8 9.8 81.6 4.3
Converged Packet Optical Packet Networking Total Networking Platforms Platform Software and Services Blue Planet Automation Software and Services	\$ 2	2,547.6 267.5 2,815.1 197.8	72.1 7.6 79.7 5.6	R	2,562.8 348.5 2,911.3	71.8 9.8 81.6 4.3
Converged Packet Optical Packet Networking Total Networking Platforms Platform Software and Services Blue Planet Automation Software and Services Global Services	\$ 2	2,547.6 267.5 2,815.1 197.8 62.6	72.1 7.6 79.7 5.6	R	2,562.8 348.5 2,911.3 155.3 54.6	71.8 9.8 81.6 4.3
Converged Packet Optical Packet Networking Total Networking Platforms Platform Software and Services Blue Planet Automation Software and Services Global Services Maintenance Support and Training Installation and Deployment	\$ 2	2,547.6 267.5 2,815.1 197.8 62.6	72.1 7.6 79.7 5.6 1.8	R	2,562.8 348.5 2,911.3 155.3 54.6	71.8 9.8 81.6 4.3 1.5
Converged Packet Optical Packet Networking Total Networking Platforms Platform Software and Services Blue Planet Automation Software and Services Global Services Maintenance Support and Training	\$ 2	2,547.6 267.5 2,815.1 197.8 62.6 269.4 152.0	72.1 7.6 79.7 5.6 1.8	R	2,562.8 348.5 2,911.3 155.3 54.6	71.8 9.8 81.6 4.3 1.5
Converged Packet Optical Packet Networking Total Networking Platforms Platform Software and Services Blue Planet Automation Software and Services Global Services Maintenance Support and Training Installation and Deployment Consulting and Network Design	\$ 2	2,547.6 267.5 2,815.1 197.8 62.6 269.4 152.0 35.3	72.1 7.6 79.7 5.6 1.8	R	2,562.8 348.5 2,911.3 155.3 54.6 261.3 148.2 41.4	71.8 9.8 81.6 4.3 1.5 7.3 4.1 1.2

Additional Performance Metrics for Fiscal Fourth Quarter and Year Ended October 31, 2020

Revenue by Geographic Region (unaudited)

	Quarter Ended												
		October 31	, 2020	November 2, 2019									
	F	Revenue	% **		Revenue	% **							
Americas	\$	531.6	64.2	\$	715.7	73.9							
Europe, Middle East and Africa		157.6	19.0		153.0	15.8							
Asia Pacific	_	139.3	16.8	_	99.3	10.3							
Total	\$	828.5	100.0	\$	968.0	100.0							

Revenue by Geographic Region (unaudited)

Year Ended											
	October 31	, 2020	November 2, 2019								
	Revenue	% **		Revenue	% **						
\$	2,469.3	69.9	\$	2,503.9	70.1						
	591.5	16.8		566.7	15.9						
	471.4	13.3		501.5	14.0						
\$	3,532.2	100.0	\$	3,572.1	100.0						
	\$	Revenue \$ 2,469.3 591.5 471.4	October 31, 2020 Revenue % ** \$ 2,469.3 69.9 591.5 16.8 471.4 13.3	October 31, 2020 Revenue % ** \$ 2,469.3 69.9 591.5 16.8 471.4 13.3	October 31, 2020 November 2 Revenue % ** Revenue \$ 2,469.3 69.9 \$ 2,503.9 591.5 16.8 566.7 471.4 13.3 501.5						

^{**} Denotes % of total revenue

• No customer represented more than 10% of revenue for the fiscal quarter

- One 10%-plus customer represented a total of 10.6% of revenue for the fiscal year
- Cash and investments totaled \$1.3 billion
- Cash flow from operations totaled \$187.3 million and \$493.7 million for the fiscal quarter and year, respectively
- Average days' sales outstanding (DSOs) were 88 and 82 for the fiscal quarter and year, respectively
- Accounts receivable, net balance was \$719.4 million
- Unbilled contract asset balance was \$85.8 million
- Inventories totaled \$344.4 million, including:

Raw materials: \$119.5 million
Work in process: \$13.7 million
Finished goods: \$210.1 million
Deferred cost of sales: \$40.7 million

- Reserve for excess and obsolescence: \$(39.6) million
- Product inventory turns were 4.0 and 4.6 for the fiscal quarter and year, respectively
- Headcount totaled 7,032

Share Repurchase Program

After temporarily suspending repurchases of our common stock during fiscal 2020, we will be reinstituting this program in first quarter of 2021 and are currently targeting repurchases in the range of \$150 million during fiscal 2021. Ciena may purchase shares at management's discretion in the open market, in privately negotiated transactions, in transactions structured through investment banking institutions, or a combination of the foregoing. Ciena may also, from time to time, enter into Rule 10b5-1 plans to facilitate repurchases of its shares under this authorization. The amount and timing of repurchases are subject to a variety of factors including liquidity, cash flow, stock price, and general business and market conditions. The program may be modified, suspended or discontinued at any time. During fiscal year 2020, Ciena repurchased approximately 1.9 million shares of its common stock at an average price of \$39.81 per share for an aggregate purchase price of \$74.5 million.

Supplemental Materials and Live Web Broadcast of Unaudited Fiscal Fourth Quarter 2020 Results

Today, Thursday, December 10, 2020, in conjunction with this announcement, Ciena has posted to the Quarterly Results page of the Investor Relations section of its website certain related supporting materials for its unaudited fiscal fourth quarter and fiscal 2020 results.

Ciena's management will also host a discussion today with investors and financial analysts that will include the Company's outlook. The live audio web broadcast beginning at 8:30 a.m. Eastern will be accessible via www.ciena.com. An archived replay of the live broadcast will be available shortly following its conclusion on the Investor Relations page of Ciena's website.

Notes to Investors

Forward-Looking Statements. You are encouraged to review the Investors section of our website, where we routinely post press releases, SEC filings, recent news, financial results, supplemental financial information, and other announcements. From time to time we exclusively post material information to this website along with other disclosure channels that we use. This press release contains certain forward-looking statements that involve risks and uncertainties. These statements are based on current expectations, forecasts, assumptions and other information available to the Company as of the date hereof. Forward-looking statements include statements regarding Ciena's expectations, beliefs, intentions or strategies regarding the future and can be identified by forward-looking words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. Forward-looking statements in this release include: "Our fiscal fourth quarter and full-year year 2020 performance reported today demonstrates that we have the innovation, diversification and global scale to perform well in a challenging environment." "While we expect current market conditions to persist in the near-term, we are confident in strong secular demand dynamics and our ability to continue to outperform the market."

Ciena's actual results, performance or events may differ materially from these forward-looking statements made or implied due to a number of risks and uncertainties relating to Ciena's business, including: the effect of broader economic and market conditions on our customers and their business; our ability to execute our business and growth strategies; the duration and severity of the COVID-19 pandemic and the impact of countermeasures taken to mitigate its spread; the impact of COVID-19 on macroeconomic conditions, the level of economic activity, demand for our technology solutions, short- and long-term customer or end user needs and changes thereto, continuity of supply chain, logistics and business operations, liquidity and financial results; changes in network spending or network strategy by customers; seasonality and the timing and size of customer orders, including our ability to recognize revenue relating to such sales; the level of competitive pressure we encounter; the product, customer and geographic mix of sales within the period; supply chain disruptions and the level of success relating to efforts to optimize Ciena's operations; changes in foreign currency exchange rates affecting revenue and operating expense; the impact of the Tax Cuts and Jobs Act, changes in estimates of prospective income tax rates and any adjustments to Ciena's provisional estimates whether related to further guidance, analysis or otherwise, and the other risk factors disclosed in Ciena's periodic reports filed with the Securities and Exchange Commission, including its Quarterly Report on Form 10-Q filed with the SEC on September 9, 2020 and its Annual Report on Form 10-K to be filed with the SEC. Ciena assumes no obligation to update any forward-looking information included in this press release.

Non-GAAP Presentation of Quarterly and Annual Results. This release includes non-GAAP measures of Ciena's gross profit, operating expense, income from operations, earnings before interest, tax, depreciation and amortization (EBITDA), Adjusted EBITDA, and measures of net income and net income per share. In evaluating the operating performance of Ciena's business, management excludes certain charges and credits that are required by GAAP. These items share one or more of the following characteristics: they are unusual and Ciena does not expect them to recur in the ordinary course of its business; they do not involve the expenditure of cash; they are unrelated to the ongoing operation of the business in the ordinary course; or their magnitude and timing is largely outside of Ciena's control. Management believes that the non-GAAP measures below provide management and investors useful information and meaningful insight to the operating performance of the business. The presentation of these non-GAAP financial measures should be considered in addition to Ciena's GAAP results and these measures are not intended to be a substitute for the financial information prepared and presented in accordance with GAAP. Ciena's non-GAAP measures and the related adjustments may differ from non-GAAP measures used by other companies and should only be used to evaluate Ciena's results of operations in conjunction with our

corresponding GAAP results. To the extent not previously disclosed in a prior Ciena financial results press release for the relevant period, Appendix A and B to this press release set forth a complete GAAP to non-GAAP reconciliation of the non-GAAP measures contained in this release.

About Ciena. Ciena (NYSE: CIEN) is a networking systems, services and software company. We provide solutions that help our clients create the Adaptive Network™ in response to the constantly changing demands of their users. By delivering best-in-class networking technology through high-touch consultative relationships, we build the world's most agile networks with automation, openness and scale. For updates on Ciena, follow us on Twitter @Ciena, LinkedIn, the Ciena Insights blog, or visit www.ciena.com.

CIENA CORPORATION CONDENSED UNAUDITED CONSOLIDATED STATEMENTS OF OPERATIONS (in thousands, except per share data)

	Quarter Ended				Year Ended			
	0	ctober 31, 2020	November 2, 2019		October 31, 2020		N	ovember 2, 2019
Revenue:								
Products	\$	668,661	\$	820,007	\$	2,914,790	\$	2,983,815
Services		159,819		147,980		617,367		588,316
Total revenue		828,480		967,987		3,532,157		3,572,131
Cost of goods sold:								
Products		343,413		469,945		1,573,791		1,716,358
Services		80,718		78,346		305,475		313,707
Total cost of goods sold		424,131		548,291		1,879,266		2,030,065
Gross profit		404,349		419,696		1,652,891		1,542,066
Operating expenses:								
Research and development		137,237		141,657		529,888		548,139
Selling and marketing		113,382		117,201		416,425		423,046
General and administrative		43,415		50,307		169,548		174,399
Amortization of intangible assets		5,851		5,222		23,383		21,808
Acquisition and integration costs (recoveries)		3,127		(735)		4,031		3,370
Significant asset impairments and restructuring costs	_	7,854		12,842	_	22,652		24,538
Total operating expenses		310,866		326,494	_	1,165,927	_	1,195,300
Income from operations		93,483		93,202		486,964		346,766
Interest and other income (loss), net		(249)		(1,183)		964		3,876
Interest expense		(7,395)		(9,136)		(31,321)		(37,452)
Loss on extinguishment and modification of debt		_				(646)	_	
Income before income taxes		85,839		82,883		455,961		313,190
Provision for income taxes		20,798		2,552	_	94,670	_	59,756
Net income	\$	65,041	\$	80,331	\$	361,291	\$	253,434
Net Income per Common Share								
Basic net income per common share	\$	0.42	\$	0.52	\$	2.34	\$	1.63
Diluted net income per potential common share	\$	0.42	\$	0.51	\$	2.32	\$	1.61
Weighted average basic common shares outstanding		154,706		154,852		154,287		155,720
Weighted average diluted potential common shares outstanding ⁽¹⁾		156,563		156,612	_	155,955	_	157,612

⁽¹⁾ Weighted average diluted potential common shares outstanding used in calculating GAAP diluted net income per potential common share for the fourth quarter of fiscal 2020 includes 1.9 million shares underlying certain stock option and stock unit awards.

Weighted average diluted potential common shares outstanding used in calculating GAAP diluted net income per potential common share for fiscal 2020 includes 1.7 million shares underlying certain stock option and stock unit awards.

Weighted average diluted potential common shares outstanding used in calculating GAAP diluted net income per potential common share for the fourth quarter of fiscal 2019 includes 1.8 million shares underlying certain stock option and stock unit awards.

Weighted average diluted potential common shares outstanding used in calculating GAAP diluted net income per potential common share for fiscal 2019 includes 1.9 million shares underlying certain stock option and stock unit awards.

CIENA CORPORATION

CONDENSED UNAUDITED CONSOLIDATED BALANCE SHEETS

(in thousands, except share data)

	October 31, 2020	November 2, 2019
ASSETS		
Current assets:		
Cash and cash equivalents	\$1,088,624	\$ 904,045
Short-term investments	150,667	109,940
Accounts receivable, net	719,405	724,854
Inventories	344,379	345,049
Prepaid expenses and other	308,084	297,914
Total current assets	2,611,159	2,381,802
Long-term investments	82,226	10,014
Equipment, building, furniture and fixtures, net	272,377	286,884
Operating lease right-of-use assets	57,026	_
Goodwill	310,847	297,937
Other intangible assets, net	96,647	112,781
Deferred tax asset, net	647,805	714,942
Other long-term assets	102,830	88,986
Total assets	\$4,180,917	\$ 3,893,346
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	\$ 291,904	\$ 344,819
Accrued liabilities and other short-term obligations	334,132	382,740
Deferred revenue	108,700	111,381
Operating lease liabilities	19,035	_
Current portion of long-term debt	6,930	7,000
Total current liabilities	760,701	845,940
Long-term deferred revenue	49,663	45,492
Other long-term obligations	123,185	148,747
Long-term operating lease liabilities	61,415	_
Long-term debt, net	676,356	680,406
Total liabilities	\$1,671,320	\$ 1,720,585
Stockholders' equity:		
Preferred stock — par value \$0.01; 20,000,000 shares authorized; zero shares issued and outstanding		
Common stock — par value \$0.01; 290,000,000 shares authorized; 154,563,005 and 154,403,850 shares issued and		1,544
outstanding Additional paid in capital	1,546 6,826,531	,
Additional paid-in capital Accumulated other comprehensive loss	(35,358)	6,837,714 (22,084)
	,	
Accumulated deficit	(4,283,122)	
Total stockholders' equity	2,509,597	2,172,761
Total liabilities and stockholders' equity	\$4,180,917	\$ 3,893,346

CIENA CORPORATION CONDENSED UNAUDITED CONSOLIDATED STATEMENTS OF CASH FLOWS (in thousands)

	Year	Ended
	October 31, 2020	November 2, 2019
Cash flows from operating activities:		
Net income	\$ 361,291	\$ 253,434
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation of equipment, furniture and fixtures, and amortization of leasehold improvements	93,908	87,576
Share-based compensation costs	67,758	59,736
Amortization of intangible assets	38,619	35,136
Deferred taxes	64,339	19,865
Provision for doubtful accounts	8,855	6,740
Provision for inventory excess and obsolescence	24,701	28,085
Provision for warranty	22,417	23,105
Other	11,628	(910)
Changes in assets and liabilities:		

Prepaid expenses and other (38,998) (96,618) Operating lease right-of-use assets 16,787 — Accounts payable, accruals and other obligations (117,931) 27,740 Deferred revenue 2,519 16,480 Short and long-term operating lease liabilities (19,896) — Net cash provided by operating activities 493,654 413,140 Cash flows provided by (used in) investing activities: Payments for equipment, furniture, fixtures and intellectual property (82,667) (62,579) Purchase of available for sale securities (223,196) (158,074) Proceeds from maturities of available for sale securities 110,390 248,748 Settlement of foreign currency forward contracts, net 3,531 (1,351) Purchase of equity investment — (2,667) Acquisition of businesses, net of cash acquired (28,300) — Net cash provided by (used in) investing activities (220,242) 24,077 Cash flows from financing activities: (5,198) (7,000) Payment of long-term debt (5,198) (7,000) Payment for debt conversion liability				
Prepaid expenses and other (38,998) (96,618) Operating lease right-of-use assets 16,787 — Accounts payable, accruals and other obligations (117,931) 27,740 Deferred revenue 2,519 16,480 Short and long-term operating lease liabilities (19,896) — Net cash provided by (used in) investing activities: Wash of the payments for equipment, furniture, fixtures and intellectual property (82,667) (62,579) Purchase of available for sale securities (23,196) (158,074) Proceeds from maturities of available for sale securities 3,531 (1,351) Purchase of equity investment — (2,667) (2,679) Purchase of equity investment — (2,607) — (2,607) Acquisition of businesses, net of cash acquired (28,300) — — (2,607) Net cash provided by (used in) investing activities (28,300) — — (2,607) Cash flows from financing activities (28,300) — — (2,603) — Payment of long-term debt (5,198) (7,000) —<	Accounts receivable		(17,299)	65,712
Operating lease right-of-use assets 16,787 — Accounts payable, accruals and other obligations (117,931) 2,740 Deferred revenue 2,519 16,480 Short and long-term operating lease liabilities (19,996) — Net cash provided by operating activities: 493,654 413,140 Cash flows provided by (used in) investing activities: Payments for equipment, furniture, fixtures and intellectual property (82,667) (62,579) Purchase of available for sale securities (223,196) (158,074) Proceeds from maturities of available for sale securities 110,390 248,748 Settlement of foreign currency forward contracts, net 3,531 (13,51) Purchase of equity investment — (2,667) (228,300) — (2,667) Acquisition of businesses, net of cash acquired (28,300) — (2,667) Act ash provided by (used in) investing activities (220,242) 24,077 Cash flows from financing activities (220,242) 24,077 Cash flow from financing activities (5,198) (7,000) Payment of long-term debt (5,198) (7,000)	Inventories		(25,044)	(112,941)
Accounts payable, accruals and other obligations (117,931) 27,740 Deferred revenue 2,519 16,480 Short and long-term operating lease liabilities (19,896) — Net cash provided by operating activities 493,654 413,140 Cash flows provided by (used in) investing activities: 8493,654 413,140 Cash flows provided by (used in) investing activities: 223,196 (62,579) Purchase of available for sale securities (223,196) (158,074) Purchase of available for sale securities 110,390 248,748 Settlement of foreign currency forward contracts, net 3,531 (1,351) Purchase of equity investment — (2,807) (220,242) 24,077 Acquisition of businesses, net of cash acquired (28,300) — (28,300) — (28,000) Acquisition of businesses, net of cash acquired (28,300) — (28,000) — (28,000) Act cash provided by (used in) investing activities (28,000) — (28,000) — (28,000) Cash flows from financing activities (62,579) — (111,268) — (7,000) Payment of long-term debt (5,1	Prepaid expenses and other		(38,998)	(96,618)
Deferred revenue 2,519 16,480 Short and long-term operating lease liabilities (19,896) — Net cash provided by operating activities 493,654 413,140 Cash flows provided by (used in) investing activities: *** Payments for equipment, furniture, fixtures and intellectual property (82,667) (62,579) Purchase of available for sale securities (223,196) (158,074) Proceeds from maturities of available for sale securities 3,531 (1,351) Settlement of foreign currency forward contracts, net 3,531 (1,351) Purchase of equity investment — (2,667) Acquisition of businesses, net of cash acquired (28,300) — Net cash provided by (used in) investing activities (28,300) — Payment of long-term debt (5,198) (7,000) Payment of obet conversion liability — (111,288) Payment of finance lease obligations (2,703) (3,319) Shares repurchased for tax withholdings on vesting of restricted stock units (32,472) (29,059) Repurchases of common stock - repurchase program (74,535) (Operating lease right-of-use assets		16,787	_
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Net cash provided by operating activities 493.654 413.140 Cash flows provided by (used in) investing activities: 897 (62.579) (62.579) Payments for equipment, furniture, fixtures and intellectual property (82.667) (62.579) (158.074) Purchase of available for sale securities 110.390 248.748 Settlement of foreign currency forward contracts, net 3,531 (1,351) Purchase of equity investment — (2,667) (28.300) — (26.67) Net cash provided by (used in) investing activities (220.242) 24.077 Cash flows from financing activities: (220.242) 24.077 Cash flows from financing activities: (5,198) (7,000) Payment of long-term debt (5,198) (7,000) Payment of debt conversion liability — (111.268) Payment of finance lease obligations (36.20) (1,191) Shares repurchased for tax withholdings on vesting of restricted stock units (32.472) (29.059) Repurchases of common stock repurchase program (74.535) (15.0076) Proceeds from issuance or common stock 28.068 22.947 Net	Deferred revenue		2,519	16,480
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Payment for debt conversion liability Payment of debt issuance costs (382) (1,191) Payment of finance lease obligations (2,703) (3,319) Shares repurchased for tax withholdings on vesting of restricted stock units (32,472) (29,059) Repurchases of common stock - repurchase program (74,535) (150,076) Proceeds from issuance of common stock 28,068 22,947 Net cash used in financing activities (87,222) (278,966) Effect of exchange rate changes on cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash at beginning of fiscal year Cash, cash equivalents and restricted cash at end of fiscal year Cash, cash equivalents and restricted cash at end of fiscal year Supplemental disclosure of cash flow information Cash paid during the fiscal year for interest Say, 837 \$ 39,579 Cash paid during the fiscal year for income taxes, net Say, 837 \$ 39,579 Cash paid during the fiscal year for income taxes, net Say, 837 \$ 39,579 Cash paid during the fiscal year for income taxes, net Say, 837 \$ 39,579 Cash paid during the fiscal year for income taxes, net Say, 838 \$ 39,579 Cash paid during the fiscal year for income taxes, net Say, 84 \$ 16,549 Conversion of debt conversion liability into 1,585,140 shares of common stock Operating lease right-of-use assets subject to lease liability Say, 94,160 \$	Cash flows from financing activities:			
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Effect of exchange rate changes on cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash 184,547 158,727 Cash, cash equivalents and restricted cash at beginning of fiscal year Cash, cash equivalents and restricted cash at end of fiscal year Supplemental disclosure of cash flow information Cash paid during the fiscal year for interest Cash paid during the fiscal year for income taxes, net Operating lease payments Purchase of equipment in accounts payable Conversion of debt conversion liability into 1,585,140 shares of common stock Operating lease right-of-use assets subject to lease liability 184,547 158,727 184,547 158,727 184,547 158,727 184,548 16,549 184,547 158,727 184,547 158,727 184,547 158,727 184,547 158,727 184,547 158,727 184,547 158,727 184,547 158,727 184,548 16,549 184,547 158,727 184,547 158,	Proceeds from issuance of common stock		28,068	22,947
Effect of exchange rate changes on cash, cash equivalents and restricted cash Net increase in cash, cash equivalents and restricted cash Cash, cash equivalents and restricted cash at beginning of fiscal year Cash, cash equivalents and restricted cash at end of fiscal year Supplemental disclosure of cash flow information Cash paid during the fiscal year for interest Cash paid during the fiscal year for income taxes, net Operating lease payments Purchase of equipment in accounts payable Conversion of debt conversion liability into 1,585,140 shares of common stock Operating lease right-of-use assets subject to lease liability 158,727	Net cash used in financing activities		(87,222)	(278,966)
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Cash, cash equivalents and restricted cash at end of fiscal year Supplemental disclosure of cash flow information Cash paid during the fiscal year for interest \$32,837 \$39,579 Cash paid during the fiscal year for income taxes, net \$53,076 \$33,570 Operating lease payments \$22,089 \$— Non-cash investing and financing activities Purchase of equipment in accounts payable \$7,854 \$16,549 Conversion of debt conversion liability into 1,585,140 shares of common stock \$—\$52,944 Operating lease right-of-use assets subject to lease liability \$24,160 \$—			904,161	745,434
Supplemental disclosure of cash flow information Cash paid during the fiscal year for interest \$32,837 \$39,579 Cash paid during the fiscal year for income taxes, net \$53,076 \$33,570 Operating lease payments \$22,089 \$— Non-cash investing and financing activities Purchase of equipment in accounts payable \$7,854 \$16,549 Conversion of debt conversion liability into 1,585,140 shares of common stock \$—\$52,944 Operating lease right-of-use assets subject to lease liability \$24,160 \$—		\$ 1	,088,708 \$	904,161
Cash paid during the fiscal year for interest \$32,837 \$39,579 Cash paid during the fiscal year for income taxes, net \$53,076 \$33,570 Operating lease payments \$22,089 \$— Non-cash investing and financing activities Purchase of equipment in accounts payable \$7,854 \$16,549 Conversion of debt conversion liability into 1,585,140 shares of common stock \$-\$52,944 Operating lease right-of-use assets subject to lease liability \$24,160 \$—	•			•
Cash paid during the fiscal year for income taxes, net \$53,076 \$33,570 Operating lease payments \$22,089 \$— Non-cash investing and financing activities Purchase of equipment in accounts payable \$7,854 \$16,549 Conversion of debt conversion liability into 1,585,140 shares of common stock \$—\$52,944 Operating lease right-of-use assets subject to lease liability \$24,160 \$—	···	\$	32.837 \$	39.579
Operating lease payments \$ 22,089 \$ — Non-cash investing and financing activities Purchase of equipment in accounts payable \$ 7,854 \$ 16,549 Conversion of debt conversion liability into 1,585,140 shares of common stock \$ — \$ 52,944 Operating lease right-of-use assets subject to lease liability \$ 24,160 \$ —				
Non-cash investing and financing activities Purchase of equipment in accounts payable \$ 7,854 \$ 16,549 Conversion of debt conversion liability into 1,585,140 shares of common stock \$ - \$ 52,944 Operating lease right-of-use assets subject to lease liability \$ 24,160 \$ -				
Purchase of equipment in accounts payable \$ 7,854 \$ 16,549 Conversion of debt conversion liability into 1,585,140 shares of common stock \$ - \$ 52,944 Operating lease right-of-use assets subject to lease liability \$ 24,160 \$ -		·	,,	
Conversion of debt conversion liability into 1,585,140 shares of common stock \$ - \$ 52,944 Operating lease right-of-use assets subject to lease liability \$ 24,160 \$ -		\$	7,854 \$	16,549
Operating lease right-of-use assets subject to lease liability \$ 24,160 \$ —				
	• • •			
		\$		

APPENDIX A - Reconciliation of Adjusted (Non-GAAP) Measurements (unaudited)

	Quarte	r Ended	Year	Ended
	October 31, 2020	November 2, 2019	October 31, 2020	November 2, 2019
Gross Profit Reconciliation (GAAP/non-GAAP)				
GAAP gross profit	\$ 404,349	\$ 419,696	\$1,652,891	\$1,542,066
Share-based compensation-products	724	748	3,182	2,868
Share-based compensation-services	968	715	3,853	3,175
Amortization of intangible assets	3,732	3,303	15,235	13,327
Total adjustments related to gross profit	5,424	4,766	22,270	19,370
Adjusted (non-GAAP) gross profit	\$ 409,773	\$ 424,462	\$1,675,161	\$1,561,436
Adjusted (non-GAAP) gross profit percentage	49.5%	43.8%	47.4%	43.7%
Operating Expense Reconciliation (GAAP/non-GAAP)				
GAAP operating expense	\$ 310,866	\$ 326,494	\$1,165,927	\$1,195,300
Share-based compensation-research and development	4,030	3,287	16,987	14,321
Share-based compensation-sales and marketing	5,137	4,151	20,194	16,474
Share-based compensation-general and administrative	5,982	6,425	23,424	22,841
Amortization of intangible assets	5,851	5,222	23,383	21,808
Acquisition and integration costs (recoveries)	3,127	(735)	4,031	3,370
Significant asset impairments and restructuring costs	7,854	12,842	22,652	24,538

Legal settlements	_				_		137
Total adjustments related to operating expense	\$	31,981	\$	31,192	\$ 110,671	\$	103,489
Adjusted (non-GAAP) operating expense	\$	278,885	\$	295,302	\$ 1,055,256	\$	1,091,811
Income from Operations Reconciliation (GAAP/non-GAAP)							
GAAP income from operations	\$	93,483	\$	93,202	\$ 486,964	\$	346,766
Total adjustments related to gross profit		5,424		4,766	22,270		19,370
Total adjustments related to operating expense	_	31,981		31,192	110,671		103,489
Total adjustments related to income from operations		37,405		35,958	132,941		122,859
Adjusted (non-GAAP) income from operations	\$	130,888	\$	129,160	\$ 619,905	\$	469,625
Adjusted (non-GAAP) operating margin percentage		15.8%	,	13.3%	17.6%	0	13.1%
Net Income Reconciliation (GAAP/non-GAAP)							
GAAP net income	\$	65,041	\$	80,331	\$ 361,291	\$	253,434
Exclude GAAP provision for income taxes	_	20,798		2,552	 94,670		59,756
Income before income taxes		85,839		82,883	455,961		313,190
Total adjustments related to income from operations		37,405		35,958	132,941		122,859
Loss on extinguishment and modification of debt		_		_	646		_
Unrealized gain on equity investment	_	(2,681)			 (2,681)		
Adjusted income before income taxes		120,563		118,841	586,867		436,049
Non-GAAP tax provision on adjusted income before income taxes	_	26,042		28,403	 126,763		104,216
Adjusted (non-GAAP) net income	\$	94,521	\$	90,438	\$ 460,104	\$	331,833
Weighted average basic common shares outstanding	_	154,706		154,852	 154,287		155,720
Weighted average diluted potential common shares outstanding ⁽¹⁾		156,563		156,612	155,955	_	157,612
Net Income per Common Share							
GAAP diluted net income per potential common share	\$	0.42	\$	0.51	\$ 2.32	\$	1.61
Adjusted (non-GAAP) diluted net income per potential common share	\$	0.60	\$	0.58	\$ 2.95	\$	2.11

⁽¹⁾ Weighted average diluted potential common shares outstanding used in calculating Adjusted (non-GAAP) diluted net income per potential common share for the fourth quarter of fiscal 2020 includes 1.9 million shares underlying certain stock option and stock unit awards.

Weighted average diluted potential common shares outstanding used in calculating adjusted (non-GAAP) diluted net income per potential common share for fiscal 2020 includes 1.7 million shares underlying certain stock option and stock unit awards.

Weighted average diluted potential common shares outstanding used in calculating Adjusted (non-GAAP) diluted net income per potential common share for the fourth quarter of fiscal 2019 includes 1.8 million shares underlying certain stock option and stock unit awards.

Weighted average diluted potential common shares outstanding used in calculating adjusted (non-GAAP) diluted net income per potential common share for fiscal 2019 includes 1.9 million shares underlying certain stock option and stock unit awards.

APPENDIX B - Calculation of EBITDA and Adjusted EBITDA (unaudited)

	Quarter Ended					Year Ended			
	October 31, 2020		November 2, 2019		October 31, 2020		November 2, 2019		
Earnings Before Interest, Tax, Depreciation and Amortization (EBITDA)									
Net income (GAAP)	\$	65,041	\$	80,331	\$	361,291	\$	253,434	
Add: Interest expense		7,395		9,136		31,321		37,452	
Less: Interest and other income (loss), net		(249)		(1,183)		964		3,876	
Add: Loss on extinguishment and modification of debt		_		_		(646)		_	
Add: Provision for income taxes		20,798		2,552		94,670		59,756	
Add: Depreciation of equipment, building, furniture and fixtures, and amortization of leasehold improvements		23,538		22,505		93,908		87,576	
Add: Amortization of intangible assets		9,584		8,525		38,619		35,136	
EBITDA	\$	126,605	\$	124,232	\$	619,491	\$	469,478	
Add: Share-based compensation cost		16,920		15,290		67,758		59,736	
Add: Significant asset impairments and restructuring costs		7,854		12,842		22,652		24,538	
Add: Acquisition and integration costs (recoveries)		3,127		(735)		4,031		3,370	
Add: Legal settlement		_	_	_	_			137	

\$ 154,506 \$ 151,629 \$ 713,932 \$ 557,259

Adjusted EBITDA

The adjusted (non-GAAP) measures above and their reconciliation to Ciena's GAAP results for the periods presented reflect adjustments relating to the following items:

- Share-based compensation a non-cash expense incurred in accordance with share-based compensation accounting guidance.
- Amortization of intangible assets a non-cash expense arising from the acquisition of intangible assets, principally developed technologies and customer-related intangibles, that Ciena is required to amortize over its expected useful life.
- Acquisition and integration costs (recoveries) -consist of expenses for financial, legal and accounting advisors, severance
 and other employee-related costs associated with our acquisitions of DonRiver and Centina, including costs and recoveries
 of acquisition consideration associated with a three-year earn-out arrangement related to the DonRiver acquisition in fiscal
 2018. Ciena does not believe that these costs are reflective of its ongoing operating expense following its completion of
 these integration activities.
- Significant asset impairments and restructuring costs costs incurred as a result of restructuring activities taken to align resources with perceived market opportunities and the redesign of business processes.
- Legal settlements costs incurred as a result of settlements, during the first quarter of fiscal 2019.
- Unrealized gain on equity investment reflects a change in the carrying value of a certain cost method equity investment.
- Non-GAAP tax provision consists of current and deferred income tax expense commensurate with the level of adjusted income before income taxes and utilizes a current, blended U.S. and foreign statutory annual tax rate of 21.6% for fiscal 2020, and 23.9% for fiscal 2019. This rate may be subject to change in the future, including as a result of changes in tax policy or tax strategy.

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