

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

**FORM 8-K**

CURRENT REPORT  
PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES  
EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): May 4, 2021

**PIXELWORKS, INC.**

(Exact name of registrant as specified in its charter)

**Oregon**  
(State or other jurisdiction  
of incorporation)

**000-30269**  
(Commission File Number)

**91-1761992**  
(I.R.S. Employer  
Identification No.)

**226 Airport Parkway, Suite 595  
San Jose, CA 95110  
(408) 200-9200**

(Address, including zip code, and telephone number, including  
area code, of registrant's principal executive offices)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Common Stock	PXLW	The Nasdaq Global Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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**Item 2.02 Results of Operations and Financial Condition.**

On May 4, 2021, Pixelworks, Inc. (the “Company”) issued a press release announcing financial results for the three month period ended March 31, 2021 and held a conference call to discuss the Company’s financial results. The press release and conference call contain forward-looking statements regarding the Company, and include cautionary statements identifying important factors that could cause actual results to differ materially from those anticipated.

The press release issued May 4, 2021 is furnished herewith as Exhibit 99.1, to this Report and a copy of the Company’s conference call script announcing these financial results is furnished herewith as Exhibit 99.2. The information in this Item 2.02, including Exhibits 99.1 and 99.2, is being furnished and shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liability of that Section, nor shall such information be deemed to be incorporated by reference in any registration statement or other document filed under the Securities Act of 1933 or the Exchange Act, except as otherwise stated in such filing.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<b>Exhibit No.</b>	<b>Description</b>
99.1	<a href="#">Press Release issued by Pixelworks, Inc. dated May 4, 2021.</a>
99.2	<a href="#">Pixelworks, Inc. First Quarter Results Conference Call Script dated May 4, 2021.</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**PIXELWORKS, INC.**  
(Registrant)

Dated: May 4, 2021

/s/ Elias N. Nader

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Elias N. Nader  
*Vice President and Chief Financial  
Officer*



## Pixelworks Reports First Quarter 2021 Financial Results

*Achieves Record Mobile Revenue, Increasing 91% Sequentially and 58% Year-over-Year to 44% of Total Revenue*

**SAN JOSE, Calif., May 4, 2021** – Pixelworks, Inc. (NASDAQ: PXLW), a leading provider of innovative video and display processing solutions, today announced financial results for the first quarter ended March 31, 2021.

### First Quarter and Recent Highlights

- Mobile revenue increased sequentially for the third consecutive quarter, driven by growing adoption of Pixelworks' visual processing solutions in newly launched smartphones
- OnePlus 9 Pro smartphone launched with X5 Pro visual processor, leveraging Pixelworks dual MotionEngine®, color calibration, flesh tone management and adaptive display technologies
- vivo launched its iQOO Neo5 smartphone, incorporating the X5 Pro visual processor to enable ultra-premium display performance and advanced 5G gaming experience
- OPPO Find X3, Find X3 Pro and Reno 5 Pro+ smartphones incorporated with Pixelworks' patented, high-efficiency calibration technology and color management solution
- TCL 20 Pro 5G power by AI-based i6 visual processor launched and received an overall display score of 89 by DXOMARK, placing it among the industry's top performing displays on a smartphone
- ASUS ROG Phone 5 launched as the industry's first smartphones to incorporate Pixelworks' sixth-generation mobile visual processor (i6) with dedicated Artificial Intelligence (AI) engine
- Lenovo Legion™ Phone Duel 2 launched with i6 visual processor, featuring real-time SDR-to-HDR conversion and industry-leading multi-refresh-rate color calibration for immersive HDR gaming and video experiences
- Year-to-date, Pixelworks technologies incorporated into 11 new models across 6 mobile OEMs

"We continued to execute and make steady progress on our mobile growth initiative in the first quarter, with record Mobile revenue expanding to 44% of total revenue," stated Todd DeBonis, President and CEO of Pixelworks. "As advanced AMOLED displays, higher refresh rates and 5G-enable mobile gaming become increasingly mainstream, mobile OEMs are turning to Pixelworks' visual processing solutions and display expertise to differentiate their next-generation devices with industry-leading display performance. Our growing momentum is demonstrated by the expanding number of new smartphone models launched across a series of new and existing customers, including our second tier-one mobile OEM. The models launched year-to-date span numerous product tiers and price points, from feature-packed flagships and ultra-high performance gaming phones to more affordable smartphones with premium displays. We continue to have a robust pipeline of design-ins on upcoming smartphones in support of our goal for 2021 to double the number of devices that were launched by customers in 2020.

"Also, during the quarter we saw improving demand in the Projector market. While we anticipate the broadly reported supply constraints across the semiconductor industry to moderate the pace of recovery throughout the year, we expect a meaningful uptick in revenue from Projector in the second quarter. Together with continued sequential growth in Mobile, we expect to deliver strong top-line growth, gross margin expansion and improvement in our operating results in the coming quarters."

### First Quarter Fiscal 2021 Financial Results

Revenue in the first quarter of 2021 was \$9.3 million, compared to \$9.6 million in the fourth quarter of 2020 and \$13.8 million in the first quarter of 2020. The sequential and year-over-year decline in first quarter revenue reflected weaker end market demand in the projector and video delivery markets, partially offset by continued strong growth and record revenue in the mobile market.

On a GAAP basis, gross profit margin in the first quarter of 2021 was 40.2%, compared to 45.5% in the fourth quarter of 2020 and 49.2% in the first quarter of 2020. First quarter 2021 GAAP operating expenses were \$11.6 million, compared to \$11.3 million in the fourth quarter of 2020 and \$12.1 million in the year-ago quarter.

For the first quarter of 2021, the Company recorded a GAAP net loss of \$8.1 million, or (\$0.16) per share, compared to a GAAP net loss of \$6.4 million, or (\$0.15) per share, in the fourth quarter of 2020 and a GAAP net loss of \$5.4 million, or (\$0.14) per share, in the year-ago quarter.

On a non-GAAP basis, first quarter 2021 gross profit margin was 43.7%, compared to 49.6% in the fourth quarter of 2020 and 52.1% in the year-ago quarter. First quarter 2021 non-GAAP operating expenses were \$10.2 million, compared to \$9.5 million in the fourth quarter of 2020 and \$9.7 million in the year-ago quarter.

For the first quarter of 2021, the Company recorded a non-GAAP net loss of \$6.4 million, or (\$0.12) per share, compared to a non-GAAP net loss of \$4.9 million, or (\$0.11) per share, in the fourth quarter of 2020, and a non-GAAP net loss of \$2.6 million, or (\$0.07) per share, in the first quarter of 2020.

Adjusted EBITDA in the first quarter of 2021 was a negative \$5.2 million, compared to a negative \$3.8 million in the fourth quarter of 2020 and a negative \$1.5 million in the year-ago quarter.

Cash, cash equivalents and short-term investments at the end of the first quarter of 2021 were \$25.4 million, compared to \$31.5 million at the end of the fourth quarter of 2020.

## **Business Outlook**

The Company's current business outlook, including guidance for the second quarter of 2021, will be provided as part of the scheduled conference call.

## **Conference Call Information**

Pixelworks will host a conference call today, May 4, 2021, at 2:00 p.m. Pacific Time, which can be accessed by calling 1-877-359-9508 and using passcode 5768008. A live audio webcast of the call can also be accessed by visiting the Company's investor page at [www.pixelworks.com](http://www.pixelworks.com). For those unable to listen to the live webcast, it will be archived for approximately 90 days. A replay of the conference call will also be available through Tuesday, May 11, 2021, and can be accessed by calling 1-855-859-2056 and using passcode 5768008.

## **About Pixelworks, Inc.**

Pixelworks provides industry-leading content creation, video delivery and display processing solutions and technology that enable highly authentic viewing experiences with superior visual quality, across all screens – from cinema to smartphone and beyond. The Company has a 20-year history of delivering image processing innovation to leading providers of consumer electronics, professional displays and video streaming services. Pixelworks is headquartered in San Jose, CA. For more information, please visit the company's web site at [www.pixelworks.com](http://www.pixelworks.com).

Note: Pixelworks, the Pixelworks logo and MotionEngine are registered trademarks of Pixelworks, Inc.

## **Non-GAAP Financial Measures**

*This earnings release makes reference to non-GAAP gross profit margins, non-GAAP operating expenses, non-GAAP net loss and non-GAAP net loss per share, which exclude amortization of acquired intangible assets, stock-based compensation expense, and restructuring expenses, which are all required under GAAP as well as the tax effect of the non-GAAP adjustments. The press release also makes reference to and reconciles GAAP net loss and adjusted EBITDA, which Pixelworks defines as GAAP net loss before interest income and other, net, income tax provision, depreciation and amortization, as well as the specific items listed above.*

*Pixelworks management uses these non-GAAP financial measures internally to understand, manage and evaluate the business and establish its operational goals, review its operations on a period-to-period basis, for compensation evaluations, to measure performance, and for budgeting and resource allocation. Pixelworks management believes it is useful for the Company and investors to review, as applicable, both GAAP information and non-GAAP financial measures to help assess the performance of Pixelworks' continuing business and to evaluate Pixelworks' future prospects. These non-GAAP measures, when reviewed together with the GAAP financial information, provide additional transparency and information for comparison and analysis of operating performance and trends. These non-GAAP measures exclude certain items to facilitate management's review of the comparability of our core operating results on a period-to-period basis.*

*Because the Company's non-GAAP financial measures are not calculated in accordance with GAAP, they may not necessarily be comparable to similarly titled measures employed by other companies. These non-GAAP financial measures should not be considered in isolation or as a substitute for the comparable GAAP measures and should be read only in conjunction with the Company's consolidated financial results as presented in accordance with GAAP. A reconciliation between GAAP and non-GAAP financial measures is included in this earnings release which is available in the investor relations section of the Pixelworks' website.*

## **Safe Harbor Statement**

*This release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These statements may be identified by use of terms such as “begin,” “continue,” “will,” “expect”, “believe,” “anticipate” and similar terms or the negative of such terms, and include, without limitation, statements about the Company’s digital projection, mobile, and video delivery businesses, including market movement and demand, customer engagements, growth in the mobile market, recovery of the projector market, strategy, and additional guidance, particularly as to the business outlook and current market environment and the impact of the COVID-19 pandemic on the same. All statements other than statements of historical fact are forward-looking statements for purposes of this release, including any projections of revenue or other financial items or any statements regarding the plans and objectives of management for future operations. Such statements are based on management’s current expectations, estimates and projections about the Company’s business. These statements are not guarantees of future performance and involve numerous risks, uncertainties and assumptions that are difficult to predict. Actual results could vary materially from those contained in forward looking statements due to many factors, including, without limitation: our ability to execute on our strategy; competitive factors, such as rival chip architectures, introduction or traction by competing designs, or pricing pressures; the success of our products in expanding markets; current global economic challenges; changes in the digital display and projection markets; seasonality in the consumer electronics market; our efforts to achieve profitability from operations; our limited financial resources; our ability to attract and retain key personnel; and the impact of the COVID-19 pandemic on our business and on our suppliers and customers. More information regarding potential factors that could affect the Company’s financial results and could cause actual results to differ materially from those discussed in the forward-looking statements is included from time to time in the Company’s Securities and Exchange Commission filings, including its Annual Report on Form 10-K for the year ended December 31, 2020 as well as subsequent SEC filings.*

*The forward-looking statements contained in this release are as of the date of this release, and the Company does not undertake any obligation to update any such statements, whether as a result of new information, future events or otherwise.*

[Financial Tables Follow]

**PIXELWORKS, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS**  
(In thousands, except per share data)  
(Unaudited)

	Three Months Ended		
	March 31, 2021	December 31, 2020	March 31, 2020
Revenue, net	\$ 9,270	\$ 9,638	\$ 13,774
Cost of revenue (1)	5,545	5,253	6,999
Gross profit	3,725	4,385	6,775
Operating expenses:			
Research and development (2)	6,785	6,397	6,267
Selling, general and administrative (3)	4,854	4,870	5,193
Restructuring	—	19	592
Total operating expenses	11,639	11,286	12,052
Loss from operations	(7,914)	(6,901)	(5,277)
Interest income and other, net	56	7	54
Gain on loan extinguishment	—	796	—
Total other income, net	56	803	54
Loss before income taxes	(7,858)	(6,098)	(5,223)
Provision for income taxes	217	341	176
Net loss	\$ (8,075)	\$ (6,439)	\$ (5,399)
Net loss per share - basic and diluted	\$ (0.16)	\$ (0.15)	\$ (0.14)
Weighted average shares outstanding - basic and diluted	51,673	43,735	38,868
<b>(1) Includes:</b>			
Amortization of acquired intangible assets	245	298	298
Stock-based compensation	79	87	101
Restructuring	—	7	—
<b>(2) Includes stock-based compensation</b>			
	581	669	648
<b>(3) Includes:</b>			
Stock-based compensation	772	1,000	1,073
Amortization of acquired intangible assets	60	76	76

**PIXELWORKS, INC.**  
**RECONCILIATION OF GAAP AND NON-GAAP FINANCIAL INFORMATION \***  
(In thousands, except per share data)  
(Unaudited)

	Three Months Ended		
	March 31, 2021	December 31, 2020	March 31, 2020
<b>Reconciliation of GAAP and non-GAAP gross profit</b>			
GAAP gross profit	\$ 3,725	\$ 4,385	\$ 6,775
Amortization of acquired intangible assets	245	298	298
Stock-based compensation	79	87	101
Restructuring	—	7	—
Total reconciling items included in gross profit	324	392	399
Non-GAAP gross profit	<u>\$ 4,049</u>	<u>\$ 4,777</u>	<u>\$ 7,174</u>
Non-GAAP gross profit margin	<u>43.7 %</u>	<u>49.6 %</u>	<u>52.1 %</u>
<b>Reconciliation of GAAP and non-GAAP operating expenses</b>			
GAAP operating expenses	\$ 11,639	\$ 11,286	\$ 12,052
Reconciling item included in research and development:			
Stock-based compensation	581	669	648
Reconciling items included in selling, general and administrative:			
Stock-based compensation	772	1,000	1,073
Amortization of acquired intangible assets	60	76	76
Restructuring	—	19	592
Total reconciling items included in operating expenses	1,413	1,764	2,389
Non-GAAP operating expenses	<u>\$ 10,226</u>	<u>\$ 9,522</u>	<u>\$ 9,663</u>
<b>Reconciliation of GAAP and non-GAAP net loss</b>			
GAAP net loss	\$ (8,075)	\$ (6,439)	\$ (5,399)
Reconciling items included in gross profit	324	392	399
Reconciling items included in operating expenses	1,413	1,764	2,389
Reconciling items included in total other income, net	—	(796)	—
Tax effect of non-GAAP adjustments	(20)	144	(25)
Non-GAAP net loss	<u>\$ (6,358)</u>	<u>\$ (4,935)</u>	<u>\$ (2,636)</u>
Non-GAAP net loss per share - basic and diluted	<u>\$ (0.12)</u>	<u>\$ (0.11)</u>	<u>\$ (0.07)</u>
Non-GAAP weighted average shares outstanding - basic and diluted	<u>51,673</u>	<u>43,735</u>	<u>38,868</u>

\*Set forth above are reconciliations of the non-GAAP financial measure to the most directly comparable GAAP financial measure. The non-GAAP financial measure disclosed by the company has limitations and should not be considered a substitute for, or superior to, the financial measure prepared in accordance with GAAP, and the reconciliations from GAAP to Non-GAAP actuals should be carefully evaluated. Please refer to "Non-GAAP Financial Measures" in this document for an explanation of the adjustments made to the comparable GAAP measures, the ways management uses the non-GAAP measures, and the reasons why management believes the non-GAAP measures provide useful information for investors.



**PIXELWORKS, INC.**  
**RECONCILIATION OF GAAP AND NON-GAAP EARNINGS PER SHARE**  
**(Figures may not sum due to rounding)**  
**(Unaudited)**

	Three Months Ended					
	March 31, 2021		December 31, 2020		March 31, 2020	
	Dollars per share		Dollars per share		Dollars per share	
	Basic	Diluted	Basic	Diluted	Basic	Diluted
<b>Reconciliation of GAAP and non-GAAP net loss</b>						
GAAP net loss	\$ (0.16)	\$ (0.16)	\$ (0.15)	\$ (0.15)	\$ (0.14)	\$ (0.14)
Reconciling items included in gross profit	0.01	0.01	0.01	0.01	0.01	0.01
Reconciling items included in operating expenses	0.03	0.03	0.04	0.04	0.06	0.06
Reconciling items included in total other income, net	—	—	(0.02)	(0.02)	—	—
Tax effect of non-GAAP adjustments	—	—	—	—	—	—
Non-GAAP net loss	<u>\$ (0.12)</u>	<u>\$ (0.12)</u>	<u>\$ (0.11)</u>	<u>\$ (0.11)</u>	<u>\$ (0.07)</u>	<u>\$ (0.07)</u>

\*Set forth above are reconciliations of the non-GAAP financial measure to the most directly comparable GAAP financial measure. The non-GAAP financial measure disclosed by the company has limitations and should not be considered a substitute for, or superior to, the financial measure prepared in accordance with GAAP, and the reconciliations from GAAP to Non-GAAP actuals should be carefully evaluated. Please refer to "Non-GAAP Financial Measures" in this document for an explanation of the adjustments made to the comparable GAAP measures, the ways management uses the non-GAAP measures, and the reasons why management believes the non-GAAP measures provide useful information for investors.

**PIXELWORKS, INC.**  
**RECONCILIATION OF GAAP AND NON-GAAP GROSS PROFIT MARGIN \***  
**(Figures may not sum due to rounding)**  
**(Unaudited)**

	Three Months Ended		
	March 31, 2021	December 31, 2020	March 31, 2020
<b>Reconciliation of GAAP and non-GAAP gross profit margin</b>			
GAAP gross profit margin	40.2 %	45.5 %	49.2 %
Amortization of acquired intangible assets	2.6	3.1	2.2
Stock-based compensation	0.9	0.9	0.7
Restructuring	—	0.1	—
Total reconciling items included in gross profit	3.5	4.1	2.9
Non-GAAP gross profit margin	<u>43.7 %</u>	<u>49.6 %</u>	<u>52.1 %</u>

\*Set forth above are reconciliations of the non-GAAP financial measure to the most directly comparable GAAP financial measure. The non-GAAP financial measure disclosed by the company has limitations and should not be considered a substitute for, or superior to, the financial measure prepared in accordance with GAAP, and the reconciliations from GAAP to Non-GAAP actuals should be carefully evaluated. Please refer to "Non-GAAP Financial Measures" in this document for an explanation of the adjustments made to the comparable GAAP measures, the ways management uses the non-GAAP measures, and the reasons why management believes the non-GAAP measures provide useful information for investors.

**PIXELWORKS, INC.**  
**RECONCILIATION OF GAAP AND NON-GAAP FINANCIAL INFORMATION \***  
(In thousands)  
(Unaudited)

	Three Months Ended		
	March 31, 2021	December 31, 2020	March 31, 2020
<b>Reconciliation of GAAP net loss and adjusted EBITDA</b>			
GAAP net loss	\$ (8,075)	\$ (6,439)	\$ (5,399)
Stock-based compensation	1,432	1,756	1,822
Amortization of acquired intangible assets	305	374	374
Tax effect of non-GAAP adjustments	(20)	144	(25)
Gain on loan extinguishment	—	(796)	—
Restructuring	—	26	592
Non-GAAP net loss	\$ (6,358)	\$ (4,935)	\$ (2,636)
<b>EBITDA adjustments:</b>			
Depreciation and amortization	\$ 1,016	\$ 983	\$ 1,022
Non-GAAP interest income and other, net	(56)	(7)	(54)
Non-GAAP provision for income taxes	237	197	201
Adjusted EBITDA	<u>\$ (5,161)</u>	<u>\$ (3,762)</u>	<u>\$ (1,467)</u>

\*Set forth above are reconciliations of the non-GAAP financial measure to the most directly comparable GAAP financial measure. The non-GAAP financial measure disclosed by the company has limitations and should not be considered a substitute for, or superior to, the financial measure prepared in accordance with GAAP, and the reconciliations from GAAP to Non-GAAP actuals should be carefully evaluated. Please refer to "Non-GAAP Financial Measures" in this document for an explanation of the adjustments made to the comparable GAAP measures, the ways management uses the non-GAAP measures, and the reasons why management believes the non-GAAP measures provide useful information for investors

**PIXELWORKS, INC.**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**  
(In thousands)  
(Unaudited)

	March 31, 2021	December 31, 2020
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 25,437	\$ 31,257
Short-term marketable securities	—	250
Accounts receivable, net	5,522	4,672
Inventories	1,670	2,445
Prepaid expenses and other current assets	1,923	1,010
Total current assets	34,552	39,634
Property and equipment, net	4,384	5,103
Operating lease right of use assets	6,625	6,606
Other assets, net	1,005	1,081
Acquired intangible assets, net	902	1,207
Goodwill	18,407	18,407
Total assets	\$ 65,875	\$ 72,038
<b>LIABILITIES AND SHAREHOLDERS' EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 1,726	\$ 995
Accrued liabilities and current portion of long-term liabilities	8,523	9,452
Current portion of income taxes payable	155	147
Total current liabilities	10,404	10,594
Long-term liabilities, net of current portion	790	1,007
Operating lease liabilities, net of current portion	4,791	5,088
Income taxes payable, net of current portion	2,600	2,479
Total liabilities	18,585	19,168
Shareholders' equity	47,290	52,870
Total liabilities and shareholders' equity	\$ 65,875	\$ 72,038

**Contacts:**

Investor Contact

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Company Contact

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**Pixelworks, Inc. Q1 2021 Conference Call  
May 4, 2021**

**Operator**

Good day ladies and gentlemen, and welcome to Pixelworks Inc.'s first quarter 2021 earnings conference call. I will be your operator for today's call. At this time, all participants are in a listen-only mode. Following management's prepared remarks, instructions will be given for the question-and-answer session. This conference call is being recorded for replay purposes. I would now like to turn the call over to Pixelworks' CFO, Mr. Elias Nader.

**Elias Nader**

Thank you. Good afternoon, everyone, and thank you for tuning-in to today's call. With me on the call is Todd DeBonis, Pixelworks' President and CEO. The purpose of today's conference call is to supplement the information provided in Pixelworks' press release issued earlier today announcing the company's financial results for the first quarter of 2021.

Before we begin, I would like to remind you that various remarks we make on this call, including those about our projected future financial results, economic and market trends and our competitive position constitute forward-looking statements. These forward-looking statements and all other statements made on this call that are not historical facts are subject to a number of risks and uncertainties that may cause actual results to differ materially.

All forward-looking statements are based on the company's beliefs as of today, Tuesday, May 4, 2021. The company undertakes no obligation to update any such statements to reflect events or circumstances occurring after today. Please refer to today's press release, our annual report on Form 10-K for the year ended December 31, 2020, and subsequent SEC filings for a description of factors that could cause forward-looking statements to differ materially from actual results.

Additionally, the company's press release and management statements during this conference call will include discussions of certain measures and financial information in GAAP and non-GAAP terms, including gross margin, operating expenses, net loss, and net loss per share. Non-GAAP measures exclude amortization of acquired intangible assets, stock-based compensation expense, and restructuring expense.

The company uses these non-GAAP measures internally to assess our operating performance. We believe these non-GAAP measures provide a meaningful perspective on our core operating results and underlying cash flow dynamics. We caution investors to consider these measures in addition to, and not as a substitute for nor superior to, the company's consolidated financial results as presented in accordance with GAAP.

Also included in the company's press release are definitions and reconciliations of GAAP to non-GAAP net loss and GAAP net loss to adjusted EBITDA, which provide additional details.

With that said, I will now turn the call over to Todd for his opening remarks.

**Todd DeBonis**

Thank you, Elias, and good afternoon to those joining us on today's call and webcast.

As outlined in today's press release, our first quarter financial results were in-line with our expectations and with all metrics coming in at or above the midpoint of guidance. While anticipated Q1 seasonality in the Projector market resulted in lower consolidated revenue sequentially, with weakness largely offset by record revenue from Mobile, which expanded to 44.0% of total revenue.

Consistent with our guidance, gross margin in Q1 was lower than our historical average, due to a combination of higher supply chain costs, product mix and a new Mobile OEM that ramped during the quarter. This anomaly is now behind us, and we are positioned for gross margin to return our historical range in the second quarter. Starting in Q2 we have passed on the higher material costs to customers while also benefiting from increased unit volumes and improved product mix.

Coming off a challenging global demand environment in 2020 due to the pandemic, we saw improving order patterns during the first quarter that will have a positive impact on our guidance for Q2. Additionally, we have seen a positive response to our increased lead-times across all product lines and now have better visibility on the demand throughout 2021. Most

importantly, we sustained all fundamental R&D efforts over the past year, which was critical to securing the new wins we've announced year-to-date and the expanded opportunity pipeline we have today.

Specific to the Mobile business in the first quarter, revenue grew 91.0% sequentially and was up 58.0% year-over-year to a quarterly record. This marked the third consecutive quarter of 50%+ sequential growth in Mobile. We believe the Mobile market is primed for growth in 2021 as the industry and end market demand recovers. Third party research firms are forecasting global smartphone units to grow 7-8% this year, with OEMs returning to their more traditional, seasonal launch cycles for next-generation phones. A significant portion of the expected growth this year will come from China, where consumer demand has fully recovered – according to research from Cowan, total unit shipments of smartphones in China were up an estimated 100% year-over-year in Q1 over the first quarter of 2020. Additionally, they projected the penetration of 5G-enabled smartphones shipped in China was a record 76.0% of units in the month of March. All these data points and the current market dynamics bode well for Pixelworks in the mobile segment, where we have focused a large majority of the company's resources.

More broadly, the ongoing global adoption of 5G technology will continue to be an important trend this year, as it enables more efficient delivery of higher quality video and gaming content to mobile devices. Research firms, including Gartner and Counterpoint, project the global mix of 5G-enabled devices to more than double year-over-year and represent at least one-third of total smartphone unit shipments in 2021. As 5G expands and becomes mainstream, the high associated value proposition of our leading visual processing technology becomes applicable to an increasing share of total smartphone units.

Another prominent and favorable trend is the growing shift by OEMs to more advanced AMOLED displays that support higher refresh rates of 90 to 144 Hz. The primary benefit of these higher refresh rates are smoother scrolling and animation, with early adoption largely concentrated in flagship and gaming-centric phones. Today, adoption of higher frame rates by mobile OEMs is still in the early innings, as smartphones supporting 90+ Hz likely accounted for less than ~10% of the market in 2020. While the penetration will be much higher in 2021, there are two existing drawbacks for consumers. The first is limited available content that supports being displayed at higher frame rate, and the second is the increased power consumption associated with refreshing the screen at higher rates. Our visual processors address both challenges, providing the ability to upscale low frame-rate content to higher rates while reducing the load on the apps processor, resulting significant improvements in visual quality and power efficiency.

Also specific to AMOLED displays, they create a need for additional color management in order to display colors accurately, an area that Pixelworks excels and which we have been actively promoting for many years. While some degree of color management is frequently offered in the applications processor, our solutions take color accuracy to another level, providing both meaningful differentiation as well as highly efficient color calibration. Third-party tests have consistently proven Pixelworks delivers the best color accuracy in the industry. With availability of AMOLED displays expanding beyond tier-one flagships and the cost coming down, more OEMs are adopting these displays and thus paying more attention to delivering 'accurate color'.

This increased focus on color accuracy only makes sense when implemented together with color calibration due to the frequent manufacturing variances inherent in OLED displays. Pixelworks patented color calibration, which can be integrated using our Soft Iris solution or with our visual processors, is extremely efficient and reduces the time required to calibrate a mobile device across all standard color gamuts during the manufacturing process to under 30 seconds.

I also want to emphasize a few important elements of our Soft Iris or software-only solutions to address certain common misconceptions. First, our Soft Iris solution can only be applied on platforms with a relatively high-end application processor that has certain video display pipeline capabilities. Although simpler and less expensive to incorporate into a smartphone than a chip, the requirement for Soft Iris to run on a reasonably robust video display pipeline prevents it from being a solution for most lower-end smartphones. Perhaps most important, our Soft Iris solution is not feature static, and in fact is currently in its 3rd generation. We continue to upgrade the solution with new and optimized capabilities to deliver incremental value to OEMs, and as we add functionality, we are also able to gradually increase the price of Soft Iris when used as a standalone solution.

At a more macro level, one of the fastest growing use cases is mobile gaming. The combination of more powerful GPU's, ultra-low latency of 5G and Wi-Fi 6 is enabling multiple very popular interactive games that previously could only realistically be played on a console or PC, to now be played on a mobile device. In addition to the gaming phones announced in recent months that incorporate Pixelworks technology, we have strong indications from multiple mobile OEMs that gaming will be a lasting and growing trend, and they are focused on optimizing the gaming use case in both their premium and flagship phones. Higher frame rates are fundamental to providing the most immersive and realistic gaming experience, yet also creates several pain-points in a mobile environment. Our family of visual processors provide a distributed visual architecture that solves multiple challenges, such as motion clarity, color depth and contrast, and eye comfort. However, the single largest

pain-point for mobile gaming is battery life and heat dissipation – rendering and displaying dynamic content, whether gaming or video, consumes battery life faster than all other use cases combined. Distributing or offloading the visual processing to our processor and upscaling the frame rate of the displayed content with Pixelworks' smart motion processing algorithms decreases the workload on the AP, reducing overall system power consumption. We've demonstrated that this distributed visual architecture with the Pixelworks co-processor results in up to 30% less battery drain and up to 10 degrees (Celsius) lower phone temperature during sustained high frame rate gaming. Beyond solving key pain-points, we provide a path to higher frame rate modes that fully utilize the capabilities of the display. This includes providing advanced features, such as AI-optimized picture quality, real-time SDR-to-HDR conversion, dark noise suppression, and smooth auto-adaptive brightness control

As highlighted on our previous call, we introduced our most recent sixth generation (i6) visual processor in Q4, which is the first to incorporate AI adaptive picture quality. The dedicated AI engine in our i6 processor utilizes power-efficient inferencing that augments Pixelworks' extensive knowledge base and industry-leading display processing algorithms with numerous real-time inputs from the content, sensors, display, user preferences and environment. This enables increased adaptability of overall picture quality in real-time, including color depth, contrast, and sharpness, while adaptively preserving viewing clarity in any lighting environment.

Looking at the mobile wins we've announced year-to-date, Pixelworks visual processors and software solutions have been incorporated in a total of 11 models launched by 6 different mobile OEMs, including our second tier-one, vivo, as well as another first-time customer, Lenovo. Brief highlights from the recent wins include:

Our long-time customer and consistent early-adopter, ASUS, became the first OEM to incorporate Pixelworks sixth generation i6 visual processor with its launch of the ASUS ROG Phone 5. Featuring a 6.78" AMOLED capacitive touchscreen display and supporting up to 144 Hz refresh rate, this ultra-high performance gaming phone leverages the full suite of advanced features in our i6 chip, including AI-based adaptive picture quality as well as AI-enhance real-time SDR-to-HDR conversion.

Also, during quarter, OPPO extended its use of our proprietary and industry-leading color calibration and flesh tone management in the launch of the OPPO Find X3 and Find X3 Pro series, while also retroactively incorporating Pixelworks software solution via a firmware upgrade in the Reno 5 Pro+.

In mid-March, we were pleased to have announced our second tier-one mobile OEM, vivo, in conjunction the launch of the iQOO Neo 5 smartphone. Designed to deliver an unmatched 5G gaming experience, the iQOO Neo 5 incorporates our X5 Pro processing solution to enable a unique 'gaming experience mode' while also leveraging Pixelworks patented motion estimation and motion compensation (MEMC) technology that optimizes content for power efficient HDR gaming at refresh rates of up to 120 Hz. Also unique to the iQOO Neo 5 is a dedicated optimization, in close collaboration with Pixelworks, that boosts the devices display performance while playing a select group of popular mobile games, including Game for Peace, Hongkai Impact 3, and Perfect World. Subsequent to the launch of Neo 5, iQOO released a derivative and renamed version of this smartphone in India, the iQOO 7 5G, which also incorporates our X5 visual processor.

Additionally, OnePlus incorporated Pixelworks technology across its flagship OnePlus 9 series of phones, following the success and highly acclaimed display performance of its 8 series in 2020. The OnePlus 9 Pro features a 6.7" Fluid AMOLED display with WQHD+ resolution supporting 120 Hz, coupled with our X5 Pro. Leveraging Pixelworks' patented Dual MotionEngine technology optimized for variable high refresh rates, the OnePlus 9 Pro can deliver superior visual quality across a wide range of content, video formats, frame rates and apps, while simultaneously optimizing power consumption.

As previously mentioned, Lenovo also became a new mobile customer in early April with the launch of the Lenovo Legion Phone Duel 2. Utilizing Qualcomm's Snapdragon 888 5G Mobile Platform and featuring a 6.9" AMOLED display that supports 144 Hz refresh rate, the Legion Phone Duel 2 incorporates our i6 processor to provide an immersive HDR experience with multiple levels of content-optimized color depth, contrast and screen adaptiveness.

Most recently announced was the TCL 20 Pro 5G, which also incorporates our i6 processor with AI-enhance picture quality. Featuring a TCL's new NXTVISION 2.0 display and positioned as a more affordable flagship, the TCL 20 Pro 5G is targeted at disrupting the premium-tier of the smartphone market. Also notable, a recent third-party report published by DXOMARK ranked the TCL 20 Pro 5G as having one of the highest-ever overall display scores across top performing smartphones.

Collectively, these announced wins demonstrate expanding adoption across a series of new and existing customers that are turning to Pixelworks mobile display solutions and expertise to differentiate their next-generation devices with industry-leading display performance. We continue to have a robust pipeline of design-ins on smartphones with planned launches in the coming months and quarters. Looking at our current pipeline, we are on track with our goal for 2021 to double the number of devices launched by customers in 2020. This includes a healthy mix of phones incorporating our i6, X5 and Soft Iris – we expect the growth trajectory in 2021 to be strong for both our hardware and software solutions.



Shifting to the Projector business. As anticipated, we saw a decline in orders for Q1, which is consistent with the seasonally weak first quarter as Japanese OEM customers manage-down inventory prior to their fiscal year-end. However, during the quarter we started to receive upside orders from Projector customers for Q2 and extending into the 2nd half of the year. Improving order patterns are being driven in part by stronger demand in China, where the recovery continue to solid, and steady recovery of demand from the education and consumer segments in the U.S.

Another contributing factor to the increased orders we are seeing is that Projector customers recognize the broadly reported supply constraints across the semiconductor industry. Lead times on orders have extended to 20 weeks, with some customers now willing to place orders as far out as Q4 of this year. As a result, we have bookings in support of a meaningful uptick in Projector revenue in Q2. We've also put in place dedicated and aggressive initiatives focused on securing supply from our foundry and assembly and test partners to close the gap between supply and demand. That said, the magnitude and pace of the continued recovery in Projector beyond Q2 is likely to be partly contingent on successfully mitigating ongoing supply constraints in the second half of the year.

More specifically to comment on the supply constraints. We are seeing gaps to meeting 100% of demand across all our product lines but have made significant progress with the help of our supply chain partners in closing those gaps to meet approximately 90% of Q2 demand. Similar to other semiconductor companies, we expect these constraints to remain a headwind throughout 2021.

Turning to a brief update on TrueCut. As discussed on previous conference calls, the growth and sustained trend of direct-to-consumer video significantly increases the value proposition for our TrueCut solution. As part of our ongoing effort to breakthrough and secure a first TrueCut customer in North America, we are continuing to work closely with high-profile creatives and leveraging key influencers in Hollywood. We've also continued to narrow our focus on advancing existing engagements and evaluations that are ongoing with a select group of leading U.S. studios and streaming service providers. Each of these prospective engagements recognize the challenges associated with streaming UHD content to High Frame Rate capable SmartTVs – and TrueCut's unique ability to mitigate those challenges. The remaining gating question is how high of a priority do they put on addressing the problem. While it is still too premature to model or forecast the exact timing, we remain optimistic about securing a first commitment for TrueCut in the U.S. in the coming quarters.

In summary, coming off a challenging year in 2020, I am very pleased with the progress we have made across our business and expect strong growth from both Mobile and Projector in the second quarter. While the supply constraints I just discussed could moderate the trajectory of Projector's continued recovery as well as limit the full potential of our rapid growth in mobile, we are confident that we have reached an inflection point from the impacts of the pandemic. As a result, we expect to achieve strong top-line growth, expanded gross margins and improved operating results over the coming quarters.

The value proposition of Pixelworks' visual processing solutions and display expertise in mobile is poised for continued growth commensurate with the mainstream adoption of advanced AMOLED displays, higher refresh rates and 5G-enable mobile gaming. Today, we have a solid a growing pipeline of new mobile design-ins for the remainder of 2021, and we remain on track with our goal of double the number of new smartphone models launched.

With that, I'll hand the call over to Elias to review the first quarter financials and provide our guidance for the second quarter.

### **Elias Nader**

Thank you, Todd.

Revenue for the first quarter of 2021 was \$9.3 million, compared to \$9.6 million in the fourth quarter of 2020, and compared to revenue of \$13.8 million in the first quarter of 2020. The decline in revenue for first quarter reflected a combination of seasonality and weaker end market demand in the Projector and Video Delivery markets, which was partially offset by strong sequential and year-over-year growth in our Mobile business.

The breakdown of revenue in the first quarter was as follows:

- Revenue from Mobile increased to approximately \$4.1 million, or 44% of total revenue, driven by strong growth in sales of both visual display processors and software solutions.
- Revenue from Digital Projector decreased to approximately \$4.1 million.
- Video Delivery revenue was approximately \$1.1 million.

Non-GAAP gross profit margin was 43.7% in the first quarter of 2021, compared to 49.6% in the fourth quarter of 2020 and 52.1% in the first quarter of 2020. As previously indicated in our guidance for the first quarter, the lower than historical gross

margin in Q1 was primarily the result of product mix and aggressive pricing that was temporarily extended to a new mobile customer. Having completed the initial ramp of this unique customer program during the first quarter, we anticipate gross margin to return to our historical range in the second quarter, then expand as Mobile continues to grow and the Projector market recovers.

Non-GAAP operating expenses were \$10.2 million in the first quarter of 2021, compared to \$9.5 million last quarter and \$9.7 million in the same period last year. The higher OPEX in the first quarter primarily reflected social benefits in China returning to pre-COVID levels, as well as administrative costs that are typically higher in the first quarter.

On a non-GAAP basis, first quarter 2021 net loss was \$6.4 million, or loss of (\$0.12) cents per share, compared to a net loss of \$4.9 million, or loss of (\$0.11) cents per share, in the prior quarter, and a net loss of \$2.6 million, or loss of (\$0.07) cents per share, in the first quarter of 2020.

Adjusted EBITDA for the first quarter of 2021 was a negative \$5.2 million, compared to a negative \$3.8 million in the fourth quarter of 2020 and a negative \$1.5 million in the first quarter of 2020.

Moving to the balance sheet, we ended the first quarter of 2021 with cash and cash equivalents of approximately \$25.4 million. At quarter-end, the company had no long-term debt and zero outstanding balance on our line of credit.

In terms of other balance sheet metrics for the first quarter, days sales outstanding were 54 days at quarter-end, which compared to 44 days at the end of the fourth quarter. Inventory turns were 10.1 times in the first quarter, up from 6.0 times in the prior quarter.

Now turning to our guidance for the second quarter of 2021.

Based on recent order trends and our current backlog, we anticipate strong sequential and year-over-year revenue growth in the second quarter, driven by a combination of another record quarter for Mobile and a significant recovery in Projector. Specifically, we expect total revenue in the second quarter to range between \$13.0 million and \$15.0 million.

Consistent with my previous comments, we anticipate gross margin to return to our historical range in the second quarter, as the mix of pricing within mobile normalizes and projector gross margin expands. We will also benefit from the improved overhead absorption associated with higher consolidated revenue. More specifically, we expect non-GAAP gross profit margin in the second quarter of between 51% and 55%.

We anticipate operating expenses in the second quarter to range between \$10.5 million and \$11.5 million on a non-GAAP basis. The anticipated increase in OPEX is mainly due to planned hiring in both engineering and marketing to support our expanding mobile projects in China, as well as development costs associated with our next generation mobile visual processor.

Finally, we expect second quarter non-GAAP EPS to be in the range of between a loss of (\$0.04) cents and a non-GAAP loss of (\$0.09) cents per share.

That concludes our prepared remarks, and we will now open the call for questions.

Operator, please proceed with managing the Q&A session. Thank you.