

Earnings Presentation

Q4 and FY 2021

► February 11, 2022



Safe Harbor



- These slides and accompanying oral presentation may contain forward-looking statements. These statements relate to future events or to future financial performance and involve known and unknown risks, uncertainties, and other factors that may cause our actual results, levels of activity, performance, or achievements to be materially different from any future results, levels of activity, performance, or achievements expressed or implied by these forward-looking statements. In some cases, you can identify forward-looking statements by the use of words such as "may," "could," "expect," "intend," "plan," "seek," "anticipate," "believe," "estimate," "predict," "potential," or "continue" or the negative of these terms or other comparable terminology. You should not place undue reliance on forward-looking statements because they involve known and unknown risks, uncertainties and other factors that are, in some cases, beyond our control and that could materially affect actual results, levels of activity, performance, or achievements.
- Other factors that could materially affect actual results, levels of activity, performance or achievements can be found in Protolabs' SEC filings, including the Form 10-K for the year ended December 31, 2020 and the quarterly Form 10-Q filings. If any of these risks or uncertainties materialize, or if our underlying assumptions prove to be incorrect, actual results may vary significantly from what we projected. Any forward-looking statement you see or hear during this presentation reflects our current views with respect to future events and is subject to these and other risks, uncertainties, and assumptions relating to our operations, results of operations, growth strategy, and liquidity. We assume no obligation to publicly update or revise these forward-looking statements for any reason, whether as a result of new information, future events, or otherwise.
- Non-GAAP Financial Measures: Protolabs management believes that presenting certain non-GAAP financial measures provides meaningful information to investors in understanding operating results and may enhance investors' ability to analyze financial and business trends. Non-GAAP measures are not a substitute for GAAP measures and should be considered together with the GAAP financial measures. As calculated, our non-GAAP measures may not be comparable to other similarly titled measures of other companies. In addition, Protolabs management believes that these non-GAAP financial measures allow investors to compare period to period more easily by excluding items that could have a disproportionately negative or positive impact on results in any particular period. GAAP to non-GAAP reconciliations are included in this presentation.

2021 Highlights



2021 Highlights



Acquisition of Hubs



- Rapid prototyping
- Best-in-class lead times within our current envelope
- Focus on reliability and quality
- Expert technical consultation
- World-class customer support



HUBS

- Broad services offer:
 - Higher tolerances
 - More complex parts
 - Additional technologies
 - More secondary options
- Variety of lead time and pricing options
- Instant market-based pricing

KEY TAKEAWAY

► Complementary capabilities enable the most comprehensive digital manufacturing offer in the world

2021 Highlights



Protolabs 2.0 Launch



- ▶ We began the Protolabs 2.0 project in 2017 to improve the customer experience and upgrade back-end supporting systems
- ▶ We launched in Europe in November 2020, and in the Americas in February 2021

2021 Awards / Recognition





- Recognition of Protolabs' industry-leading efforts to implement Fourth Industrial Revolution technologies, connecting the e-commerce experience to the manufacturing shop floor
- One of only 10 Lighthouse manufacturing facilities in US
- Protolabs shares the honor with companies like BMW, HP, Siemens, Micron, and Foxconn.



- All five finalists considered essential businesses and played important roles in battling COVID-19, making PPE and important medical products
- Protolabs included as a finalist due to speed-to-market capabilities that were vital during the pandemic for prototyping and commercializing COVID-19-related products
- Protolabs is the only publicly traded Processor of the Year finalist



- Leadership in Engineering Achievement Program (LEAP) Awards held annually by WTWH Media (Design World, Fluid Power World, Fastener Engineering, and EE World)
- Protolabs's new digital quoting platform (Protolabs 2.0) took home Gold in Software category



- Protolabs was recognized with a Design World Leadership in Engineering Award for the digital manufacturer category
- Voted on by Design World user community

Q4 2021 Overview



Financial Highlights | Q4 2021 YoY



Revenue



Non-GAAP EPS*



Revenue of \$123.6 million, up 17.5% YoY

- Above our guidance range
- 23,376 unique product developers served
- Hubs contributed \$9.9 million of revenue in the fourth quarter

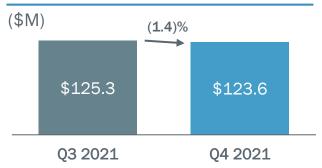
Non-GAAP EPS of \$0.41, down \$(0.09) YoY

- Legacy volume growth offset by lower margins due to increased labor costs
- Incurring operating losses at Hubs while we build, scale, and support a network of manufacturing partners for long-term growth

Financial Highlights | Q4 2021 QoQ

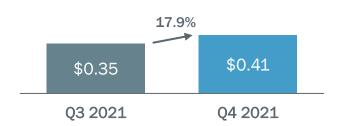


Revenue



- Revenue of \$123.6 million, down (1.4)% QoQ
 - Above our guidance range
 - Lower sequential revenue in Q4 aligns w/ normal seasonality due to holiday season

Non-GAAP EPS*



- Non-GAAP EPS of \$0.41, up \$0.06 QoQ
 - Sequential gross margin improvement in legacy operations
 - Lower operating expenses than Q3 2021

Revenue by Service | Q4 2021 YoY

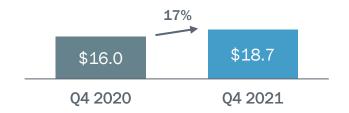


Injection Molding - Revenue



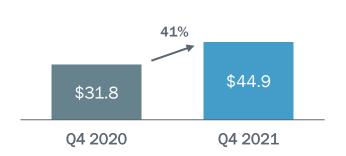
3D Printing - Revenue

(\$M)



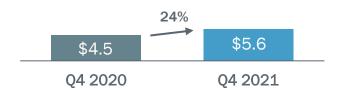
CNC Machining - Revenue

(\$M)



Sheet Metal - Revenue

(\$M)



Revenue by Service | Q4 2021 QoQ







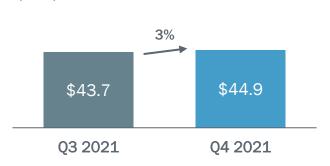
3D Printing - Revenue

(\$M)



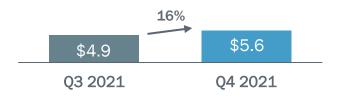
CNC Machining - Revenue

(\$M)



Sheet Metal - Revenue

(\$M)

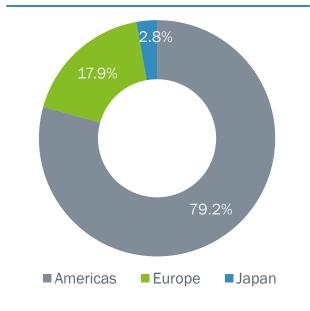


Revenue by Region | Q4 2021



\$M	Q4 21	Q4 20	YoY Change Overall	YoY Change Organic, Constant Fx*
Americas	\$97.9	\$83.2	18%	12%
Europe	\$22.1	\$18.4	20%	(4)%
Japan	\$3.5	\$3.6	(3)%	5%
TOTAL	\$123.6	\$105.2	17%	9%

Revenue % by Region Q4 2021



^{*}YoY change reflected in constant currency, and excluding Hubs

See reconciliation in Appendix.

Q4 2021 Detailed Financial Information



Financial Results | Q4 2021



\$M, Except per share amounts	Q4 21	Q3 21	QoQ Change	Q4 20	YoY Change
Revenue	\$123.6	\$125.3	(1.4)%	\$105.2	17.5%
Non-GAAP Gross Margin*	45.6%	44.9%	70 bps	51.0%	(540) bps
Non-GAAP Operating Margin*	10.9%	10.2%	70 bps	15.4%	(450) bps
Non-GAAP Earnings Per Share*	\$0.41	\$0.35	17.9%	\$0.50	(17.2)%

YoY GAAP to Non-GAAP P&L | Q4 2021



¢ in thousands	Three Mor	nths Ended Dec	. 31, 2021	Three Mo	Three Months Ended Dec. 31, 2020				
\$ in thousands	GAAP	Adjustments	Non-GAAP*	GAAP	Adjustments	Non-GAAP*			
Revenue	\$123,582	-	\$123,582	\$105,208	-	\$105,208			
Cost of Revenue	<u>68,170</u>	(990)	67,180	<u>52,580</u>	(1,032)	<u>51,548</u>			
Gross Profit	\$55,412	\$990	\$56,402	\$52,628	\$1,032	\$53,660			
Marketing and Sales	20,229	(895)	19,334	17,488	(888)	16,600			
Research and Development	10,386	(689)	9,697	11,390	(675)	10,715			
General and Administrative	<u>11,747</u>	<u>2,171</u>	<u>13,918</u>	<u>12,759</u>	(2,642)	10,117			
Total Operating Expenses	<u>42,362</u>	<u>587</u>	42,949	41,637	(4,205)	<u>37,432</u>			
Income from Operations	\$13,050	\$403	\$13,453	\$10,991	\$5,237	\$16,228			
Adjusted EBITDA	N/A	N/A	\$22,232	N/A	N/A	\$24,235			
% of Revenue									
Gross Margin	44.8%		45.6%	50.0%		51.0%			
Marketing and Sales	16.4%		15.6%	16.6%		15.8%			
Research and Development	8.4%		7.8%	10.8%		10.2%			
General and Administrative	9.5%		<u>11.3%</u>	<u>12.1%</u>		9.6%			
Total Operating Expenses	<u>34.3%</u>		34.8%	<u>39.6%</u>		<u>35.6%</u>			
Income from Operations	10.6%		10.9%	10.4%		15.4%			
Adjusted EBITDA	N/A		18.0%	N/A		23.0%			

QoQ GAAP to Non-GAAP P&L | Q4 2021



t in thousands	Three Mor	nths Ended Dec	. 31, 2021	Three Months Ended Sept. 30, 2021				
\$ in thousands	GAAP	Adjustments	Non-GAAP*	GAAP	Adjustments	Non-GAAP*		
Revenue	\$123,582	-	\$123,582	\$125,342	-	\$125,342		
Cost of Revenue	<u>68,170</u>	(990)	<u>67,180</u>	70,018	(986)	69,032		
Gross Profit	\$55,412	\$990	\$56,402	\$55,324	\$986	\$56,310		
Marketing and Sales	20,229	(895)	19,334	21,422	(1,059)	20,363		
Research and Development	10,386	(689)	9,697	10,614	(776)	9,838		
General and Administrative	<u>11,747</u>	<u>2,171</u>	<u>13,918</u>	<u>16,361</u>	(2,995)	<u>13,366</u>		
Total Operating Expenses	<u>42,362</u>	<u>587</u>	42,949	48,397	<u>(4,830)</u>	43,567		
Income from Operations	\$13,050	\$403	\$13,453	\$6,927	\$5,816	\$12,743		
Adjusted EBITDA	N/A	N/A	\$22,232	N/A	N/A	\$21,481		
% of Revenue								
Gross Margin	44.8%		45.6%	44.1%		44.9%		
Marketing and Sales	16.4%		15.6%	17.1%		16.2%		
Research and Development	8.4%		7.8%	8.5%		7.8%		
General and Administrative	9.5%		<u>11.3%</u>	<u>13.1%</u>		<u>10.7%</u>		
Total Operating Expenses	<u>34.3%</u>		34.8%	38.6%		<u>34.8%</u>		
Income from Operations	10.6%		10.9%	5.5%		10.2%		
Adjusted EBITDA	N/A		18.0%	N/A		17.1%		

Cash Flow and Balance Sheet | Q4 2021



\$M	Q4 21	Q3 21	Q4 20
Operating Cash Flow	\$23.0	\$11.5	\$24.6
Capital Expenditures	\$6.3	\$4.0	\$6.5
Share Repurchases	\$10.2	\$11.8	\$0.0
Cash and Investments*	\$91.8	\$83.9	\$221.0
Debt*	\$0	\$0	\$0

FY 2021 Overview



Financial Highlights | FY 2021 YoY



Revenue



• Record Revenue of \$488.1 million, up 12.4% YoY

- 55,330 unique product developers served
- Hubs contributed \$33.3 million of revenue in 2021

Non-GAAP EPS*



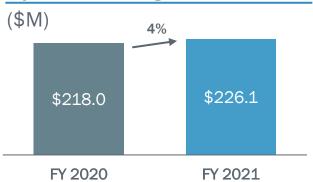
Non-GAAP EPS of \$1.55, down \$(0.82) YoY

- Lower gross margin due to increased labor costs
- Investments in future
 - Incurring operating losses at Hubs while we build, scale, and support a network of manufacturing partners for long-term growth
 - Protolabs 2.0 launch and support expenses (launched in Americas in Q1 2021)
 - R&D investments

Revenue by Service | FY 2021 YoY

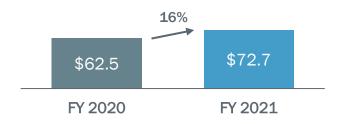


Injection Molding - Revenue



3D Printing - Revenue

(\$M)



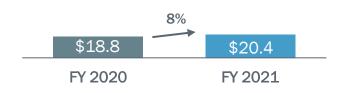
CNC Machining - Revenue

(\$M)



Sheet Metal - Revenue

(\$M)

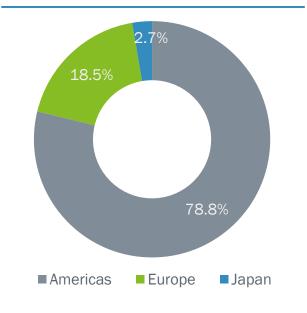


Revenue by Region | FY 2021



\$M	FY 2021	FY 2020	YoY Change Overall	YoY Change Organic, Constant Fx*
Americas	\$384.5	\$345.7	11%	6%
Europe	\$90.4	\$74.8	21%	(5)%
Japan	\$13.2	\$13.9	(5)%	(2)%
TOTAL	\$488.1	\$434.4	12%	4%

Revenue % by Region FY 2021



^{*}YoY change reflected in constant currency, and excluding Hubs

See reconciliation in Appendix.

FY 2021 Detailed Financial Information



Financial Results | FY 2021



\$M, Except per share amounts	FY 2021	FY 2020	YoY Change
Revenue	\$488.1	\$434.4	12.4%
Non-GAAP Gross Margin*	46.4%	51.0%	(460) bps
Non-GAAP Operating Margin*	11.3%	17.9%	(670) bps
Non-GAAP Earnings Per Share*	\$1.55	\$2.36	(34.5)%

YoY GAAP to Non-GAAP P&L | FY 2021



t in thousands	Twelve Mo	nths Ended Dec	. 31, 2021	Twelve Months Ended Dec. 31, 2020				
\$ in thousands	GAAP	Adjustments	Non-GAAP*	GAAP	Adjustments	Non-GAAP*		
Revenue	\$488,098	-	\$488,098	\$434,395	-	\$434,395		
Cost of Revenue	<u>265,407</u>	(3,964)	<u>261,443</u>	216,568	(3,820)	212,748		
Gross Profit	\$222,691	\$3,964	\$226,655	\$217,827	\$3,820	\$221,647		
Marketing and Sales	82,175	(3,736)	78,439	69,309	(3,121)	66,188		
Research and Development	44,241	(2,833)	41,408	36,940	(2,441)	34,499		
General and Administrative	<u>55,933</u>	<u>(4,140)</u>	<u>51,793</u>	51,742	(8,734)	43,008		
Total Operating Expenses	<u>182,349</u>	(10,709)	<u>171,640</u>	<u>157,991</u>	(14,296)	143,695		
Income from Operations	\$40,342	\$14,673	\$55,015	\$59,836	\$18,116	\$77,952		
Adjusted EBITDA	N/A	N/A	\$89,518	N/A	N/A	\$107,934		
% of Revenue								
Gross Margin	45.6%		46.4%	50.1%		51.0%		
Marketing and Sales	16.8%		16.1%	16.0%		15.2%		
Research and Development	9.1%		8.5%	8.5%		7.9%		
General and Administrative	<u>11.5%</u>		<u>10.6%</u>	<u>11.9%</u>		9.9%		
Total Operating Expenses	<u>37.4%</u>		<u>35.2%</u>	<u>36.4%</u>		33.1%		
Income from Operations	8.3%		11.3%	13.8%		17.9%		
Adjusted EBITDA	N/A		18.3%	N/A		24.8%		

Cash Flow and Balance Sheet | FY 2021



\$M	FY 2021	FY 2020
Operating Cash Flow	\$55.2	\$107.0
Capital Expenditures	\$34.2	\$47.0
Share Repurchases	\$23.3	\$14.7
Cash and Investments*	\$91.8	\$221.0
Debt*	\$0	\$0

Q1 2022 Financial Outlook



Q1 2022 | Outlook



Q1 2022 Revenue

\$116M - \$126M Revenue

% Growth YoY 0% - 8%

Q1 2022 Outlook Commentary*

- ► Expect foreign currency to have a ~\$0.5 million unfavorable impact on Q1 2022 revenue
- ► Estimated Non-GAAP gross margin of approximately 44%, +/- 100 bps
- ▶ Projected Non-GAAP operating expenses of \$42 million to \$43 million
- Expect Non-GAAP tax rate of approximately 25%
- Expect Q1 fully diluted shares outstanding of approximately 28 million

2022 Strategic Priorities



2022 Strategic Priorities



1 Accelerate our Growth

- Integrate Hubs
- Legacy innovation roadmap
- Expand production business

2 Delight our Customers

- Maintain lead times and on-time delivery rates
- Customer experience team

3 Be the Digital Leader at Scale

- Continuous improvement
- Automation
- ► Improve internal efficiency post-Protolabs 2.0

4 Be a Great Place to Work

- ► Diversity, equity, and inclusion
- Role-specific training
- ESG practices

Thank You





Appendix



GAAP to NON-GAAP Reconciliation | Revenue



\$ in thousands	Three Months Ended					Thre	ee Months Ended						
			Decembe	er 31, 2021					Dec 31, 2020	%			
		F	oreign	3	BD Hubs							% Change	
	GAAP	Cu	rrency ¹	Acc	quisition ²	N	lon-GAAP		GAAP	Change ³		Organic ⁴	_
Revenues									-				
United States	\$ 97,934	\$	-	\$	(5,109)	\$	92,825	\$	83,201	17.7	%	11.6	%
Europe	22,140		294		(4,784)		17,650		18,383	20.4		(4.0)	
Japan	 3,508		310		-		3,818		3,624	(3.2)		5.4	
Total Revenue	\$ 123,582	\$	604	\$	(9,893)	\$	114,293	\$	105,208	17.5	%	8.6	%

Year Ended		
December 31, 2021	YE Dec 31, 2020	%

	 GAAP	oreign ırrency¹	3D Hubs equisition ²	N	lon-GAAP	 GAAP	Change ³		% Change Organic ⁴	
Revenues										
United States	\$ 384,458	\$ -	\$ (17,621)	\$	366,837	\$ 345,708	11.2	%	6.1	%
Europe	90,399	(3,692)	(15,726)		70,981	74,796	20.9		(5.1)	
Japan	 13,241	393	 <u>-</u>		13,634	 13,891	(<u>4.7</u>)		(<u>1.9</u>)	
Total Revenue	\$ 488,098	\$ (3,299)	\$ (33,347)	\$	451,452	\$ 434,395	12.4	%	3.9	%

¹ Revenue for the three-month and year-ended periods ended December 31, 2021 has been recalculated using 2020 foreign currency exchange rates in effect during comparable periods to provide information useful in evaluating the underlying business trends excluding the impact of changes in foreign currency exchange rates.

² Revenue for the three-month and year-ended periods ended December 31, 2021 has been recalculated to exclude revenue earned from our acquisition of Hubs, Inc. to provide information useful in evaluating the underlying business trends excluding the impact of acquisitions.

³ This column presents the percentage change from GAAP revenue for the three-month and year-ended periods ended December 31, 2020 to GAAP revenue for the three-month and year-ended periods ended December 31, 2021.

⁴ This column presents the percentage change from GAAP revenue for the three-month and year-ended periods ended December 31, 2020 to non-GAAP revenue for the three-month and year-ended periods ended December 31, 2021 (as recalculated using the foreign currency exchange rates in effect during the three-month and year-ended periods ended December 31, 2020, excluding the impact of Hubs, Inc. acquisition) in order to provide a constant-currency comparison.

GAAP to NON-GAAP Reconciliation | Operating Margin



\$ in thousands	Three Months Ended December 31,					Year Ended December 31,				
	2021		2020		2021			2020		
Revenue	\$	123,582	\$	105,208	\$	488,098	\$	434,395		
Income from operations		13,050		10,991		40,342		59,836		
GAAP operating margin		10.6%		10.4%		8.3%		13.8%		
Add back:										
Stock-based compensation expense		3,556		4,056		19,095		14,673		
Amortization expense		1,552		754		6,153		3,016		
Transaction costs ¹		(4,705)		427		(10,575)		427		
Total adjustments		403		5,237		14,673		18,116		
Non-GAAP income from operations	\$	13,453	\$	16,228	\$	55,015	\$	77,952		
Non-GAAP operating margin		10.9%		15.4%		11.3%		17.9%		

¹ Transaction costs include direct costs incurred in our acquisition of Hubs, Inc. and the impact of changes in the fair value of acquisition-related contingent consideration obligations.

GAAP to NON-GAAP Reconciliation | EBITDA



\$ in thousands	Three MonthDecembe	Year Ended December 31,				
	2021	2020	2021	2020		
GAAP net income	\$ 11,910	9,579	\$ 33,372 \$	50,867		
Amortization expense	1,552	754	6,153	3,016		
Depreciation expense	8,705	7,949	34,335	29,578		
Interest income, net	(23)	(149)	(230)	(1,332)		
Tax expense	1,022	1,972	6,812	12,078		
ЕВПОА	23,166	20,105	80,442	94,207		
Add back:						
Stock-based compensation expense	3,556	4,056	19,095	14,673		
Unrealized (gain) loss on foreign currency	215	(353)	556	(1,373)		
Transaction costs ¹	(4,705)	427	(10,575)	427		
Total adjustments	(934)	4,130	9,076	13,727		
Adjusted EBITDA	\$ 22,232	\$ 24,235	<u>\$ 89,518</u> <u>\$</u>	107,934		

¹ Transaction costs include direct costs incurred in our acquisition of Hubs, Inc. and the impact of changes in the fair value of acquisition-related contingent consideration obligations.

GAAP to NON-GAAP Reconciliation | EPS



\$ in thousands, except share and per share amounts	Three Months Ended December 31,			Year Ended December 31,					
		2021		2020	2021			2020	
Non-GAAP net income, adjusted for stock-based compensation expense,									
amortization expense, unrealized (gain) loss on foreign currency and									
transaction costs									
GAAP net income	\$	11,910	\$	9,579	\$	33,372	\$	50,867	
Add back:									
Stock-based compensation expense		3,556		4,056		19,095		14,673	
Amortization expense		1,552		754		6,153		3,016	
Unrealized (gain) loss on foreign currency		215		(353)		556		(1,373)	
Transaction costs 1		(4,705)		427		(10,575)		427	
Total adjustments 2		618		4,884		15,229		16,743	
Income tax benefits on adjustments 3		(1,150)		(1,013)		(5,789)		(4,043)	
Non-GAAP net income	\$	11,378	\$	13,450	\$	42,812	\$	63,567	
Non-GAAP net income per share:									
Basic	\$	0.41	\$	0.50	\$	1.55	\$	2.38	
Diluted	\$	0.41	\$	0.50	\$	1.55	\$	2.36	
Shares used to compute non-GAAP net income per share:									
Basic		27,555,357		26,775,279		27,617,627		26,737,425	
Diluted		27,562,694		26,976,582		27,653,099		26,896,357	

¹ Transaction costs include direct costs incurred in our acquisition of Hubs, Inc. and the impact of changes in the fair value of acquisition-related contingent consideration obligations.

² Stock-based compensation expense, amortization expense, unrealized (gain) loss on foreign currency and transaction costs were included in the following GAAP consolidated statement of operations categories:

	Three Months Ended December 31,				Year Ended December 31,					
		2021		2020		2021		2020		
Cost of revenue	\$	990	\$	1,032	\$	3,964	\$	3,820		
Marketing and sales		895		888		3,736		3,121		
Research and development		689		675		2,833		2,441		
General and administrative		(2,171)		2,642		4,140		8,734		
Total operating expenses		(587)		4,205		10,709		14,296		
Other (income) loss, net		215		(353)		556		(1,373)		
Total adjustments	\$	618	\$	4,884	\$	15,229	\$	16,743		

³ For the three-month and year-ended periods ended December 31, 2021 and 2020, income tax effects were calculated using the effective tax rate for the relevant jurisdictions. Our non-GAAP tax rates differ from our GAAP tax rates due primarily to the mix of activity incurred in domestic and foreign tax jurisdictions and removing effective tax rate benefits from stock-based compensation activity in the quarter.