



Phunware, Inc.

Q3 revenue lighter, and lowered 2022 guidance. Search for new CEO. Lowering P/T to \$5.00.

COMPANY UPDATE

Rating: BUY

Ticker: PHUN

Price: \$1.40

Target: \$5.00
(from \$5.75)

Q3 revenue lighter: Phunware recently (on November 10) reported its fiscal Q3 2022 (ending September) results. Revenue was \$4.8 million (+120% y-o-y), compared to our and consensus estimates of \$6.0 - 6.2 million. EPS was \$(0.08), compared to our and consensus estimates of \$(0.07). There was no Q3 guidance.

Q3 driven by Lyte: Q3 growth was due to the addition of Lyte which had \$3.5 million in revenue (73% of revenues) versus none y-o-y. Software revenue was \$1.3 million versus \$1.8 million y-o-y. Backlog at Q3 increased to \$7.9 million, from \$5.2 million in Q2.

Lowered 2022 guidance: The company lowered 2022 revenue guidance to \$22.5 million (+111% y-o-y) from \$25 million.

Lowering estimates: We are lowering our 2022 estimates for revenue to \$22.5 million, from \$25.0 million, and for EPS to \$(0.26) from \$(0.24).

New CEO: In October, the company announced that its CEO Alan Knitowski will step down in December 2022. The search is on for a new CEO.

Focused on mobile applications: Phunware's MaaS software platform enables companies and brands to engage, manage, and monetize their mobile applications. It offers enterprise mobile software, including content management, location-based services, marketing automation, business intelligence and analytics, alerts, notifications and messaging, audience engagement, and audience monetization, as well as vertical solutions, iOS and Android-based mobile application portfolios, solutions, and services.

Lyte acquisition: In October 2021, the company closed the acquisition of privately-held Lyte Technology, a fast-growing provider of high performance computer systems, for ~\$11 million in cash and stock and earnouts.

PhunToken launch: In May 2021, Phunware launched the PhunToken Purchase Portal to begin selling PhunToken to consumers, developers and brands. PhunToken is designed to promote profitable behavior by rewarding consumers for their activities.

Large holdings of bitcoin: As of today, Phunware holds ~653 bitcoin valued at ~\$13 million (down from \$15 million last quarter).

2021 MEME stock jumps: Due to Phunware's prior work on an app with former President Trump, Phunware's stock benefited as President Trump announced a new social media platform in October 2021. Phunware's stock in October 2021 jumped from ~\$1 to ~\$25 and has settled back (by December 2021) to its current ~\$2 levels (where it has been trading ever since).

Large market potential: The demand for its services continues to grow fueled by its participation in four rapidly growing and evolving markets: mobile cloud software, media, big data, and cryptonetworking.

Still early but risk/reward favorable: The company expects 2022 to improve significantly y-o-y due to easier comps going forward and as business return to normal post pandemic. The company continues to expect annual revenue growth of 30% or more longer term. We believe the billion dollars market potentials presents high rewards for the risks.

Valuation attractive: We are maintaining our BUY rating, but lowering our 12-month price target to \$5.00 from \$5.75, based on a NPV analysis, representing significant upside from the current share price. We believe this valuation appropriately balances out the company's high risks with the company's high growth prospects and large upside opportunities.

Company Description

Based in Austin, TX, Phunware is a software company providing Multiscreen-as-a-Service (MaaS) enterprise cloud platform for mobile devices worldwide.

United States
Technology

November 12, 2022

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Stock Data

| | |
|--------------------------------------|---------------|
| Exchange: | NasdaqGS |
| 52-week Range: | \$1.00 – 4.18 |
| Shares Outstanding (million): | 104 |
| Market cap (\$million): | \$146 |
| EV (\$million): | \$150 |
| Debt (\$million): | \$13 |
| Cash (\$million): | \$9 |
| Avg. Daily Trading Vol. (\$million): | \$7 |
| Float (million shares): | 95 |
| Short Interest (million shares): | 5 |
| Dividend, annual (yield): | \$0 (NA%) |

Revenues (US\$ million)

| | <u>2022E</u> (Cur.) | <u>2022E</u> (Old) | <u>2023E</u> (Cur.) | <u>2023E</u> (Old) |
|---------|------------------------|-----------------------|------------------------|-----------------------|
| Q1 Mar | 7A | | 7E | 8E |
| Q2 Jun | 6A | | 7E | |
| Q3 Sep | 5A | 6E | 6E | 7E |
| Q4 Dec | <u>6E</u> | <u>7E</u> | <u>7E</u> | <u>8E</u> |
| Total | 23E | 25E | 26E | 30E |
| EV/Revs | 7x | | 6x | |

Earnings per Share (pro forma)

| | <u>2022E</u> (Cur.) | <u>2022E</u> (Old) | <u>2023E</u> (Cur.) | <u>2023E</u> (Old) |
|--------|------------------------|-----------------------|------------------------|-----------------------|
| Q1 Mar | (0.04)A | | (0.05)E | (0.04)E |
| Q2 Jun | (0.08)A | | (0.05)E | (0.03)E |
| Q3 Sep | (0.08)A | (0.07)E | (0.04)E | (0.03)E |
| Q4 Dec | <u>(0.07)E</u> | <u>(0.06)E</u> | <u>(0.04)E</u> | <u>(0.03)E</u> |
| Total | (0.26)E | (0.24)E | (0.19)E | (0.13)E |
| P/E | N/A | | N/A | |

Important Disclosures

Ascendant Capital Markets LLC seeks to do business with companies covered by its research team. Consequently, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making an investment decision.

For analyst certification and other important disclosures, refer to the Disclosure Section, located at the end of this report, beginning on page 15.

OVERVIEW

- Phunware recently (on November 10) reported its fiscal Q3 2022 (ending September) results.
- Revenue was \$4.8 million (+120% y-o-y), compared to our estimates of \$6.2 million and consensus of \$6.0 million.
- EPS was \$(0.08), compared to our and consensus estimates of \$(0.07).
- There was no Q3 guidance.
- The company lowered 2022 revenue guidance to \$22.5 million (+111% y-o-y) from \$25 million.
- This implies Q4 guidance for revenue of \$5.5 million.
- Longer term, the company continues to expect annual revenue growth of 30% or more.
- We are lowering our 2022 estimates for revenue to \$22.5 million, from \$25.0 million, and for EPS to \$(0.26) from \$(0.24).
- We are lowering our 2023 estimates for revenue to \$26.0 million, from \$30.0 million, and for EPS to \$(0.19) from \$(0.13).

ADDITIONAL DETAILS

- Gross profit for the quarter was \$0.8 million, compared with our estimate of \$1.8 million.
- Gross margin for the quarter was 17%, versus our expectation of 30% and 53% last year.
- Operating expenses were \$9 million, versus our expectation of \$8 million.
- Operating loss was \$7.9 million, versus our expectation of a loss of \$6.5 million.
- Net loss was \$8.0 million, versus our expectation of a loss of \$6.5 million.
- Q3 backlog was \$7.9 million, up from \$5.2 million in Q2.

In October, the company announced that its CEO Alan Knitowski will step down when his contract expires on December 26, 2022. The search is on for a new CEO.

The company's balance sheet had \$9 million in cash and \$13 million in debt, compared with \$3 million in cash and \$2 million in debt at the end of June. In Q4 2021, due to a sudden huge run up in its share price the company raised ~\$65 million (21.0 million shares at ~\$3.11/share) from its ATM. In Q3, the company raised ~\$12 million in debt.

The company currently has an estimated 653 Bitcoin and 753 ETH, valued at ~\$13 million at today's trading prices (~\$0.13/share). This was down from ~\$15 million in cryptocurrency held (653 Bitcoin and 780 ETH) at the end of Q2.

Exhibit 1: Phunware Company Overview

Who We Are

Phunware is the pioneer of Multiscreen-as-a-Service (MaaS) — the only fully integrated enterprise cloud platform for mobile that enables brands to **engage, manage** and **monetize** their anytime / anywhere users worldwide.

- **1T+** transactions per year
- **15B+** unique devices reached
- **Hundreds of millions** of videos served
- **Tens of millions** of application downloads
- **Thousands** of branded applications launched
- Tested and scalable to **25 million concurrent users**



FOUNDED
February 2009

HEADQUARTERS
Austin, TX

OFFICES
Irvine, CA
San Diego, CA
Miami, FL

WEBSITES
phunware.com
phuncoin.com | phuntoken.com
phunwallet.com
lytetechnology.com



Phunware Business Units



Software Subscriptions & Services
> Engage, Manage & Monetize

Phunware's MaaS platform is a fully-integrated enterprise cloud platform for mobile that provides the products, solutions, data and services for brands to engage, manage and monetize their anytime / anywhere users worldwide. Software subscriptions, inclusive of our industry solutions, are powered by the MaaS platform at scale.



Application Transactions
> Reach

Phunware's Customer Data Platform (CDP) is utilized by many of the world's top brands, offering data-enriched advertising opportunities to deliver personalized media to better reach and acquire customers on a 1:1 basis.



Blockchain & Crypto
> Decentralize

Leveraging over a decade of experience and our position as a public company, Phunware is commercializing a truly decentralized data economy that rewards you for being you, because the future of blockchain rests with real companies solving real problems in the real world.



Lyte by Phunware
> Enable & Empower

Lyte by Phunware is the hardware component of our business that distributes high performance computing platforms which help enable a network of decentralized oracles, validators and nodes to efficiently bridge the gap between Web2 data and Web3 applications on both desktop and mobile.

Source: Company reports.

Exhibit 2: Phunware Product Overview

Products and Solutions



SOLUTIONS




- Advocacy
- Aviation
- Healthcare
- Hospitality
- Media and Entertainment
- Residential
- Retail
- Smart City
- Smart Campus
- Smart Workplace

PRODUCTS

- Analytics**
Analyze real-time mobile app data
- Audience Monetization**
Auction mobile app content with ads
- Content Management**
Manage and distribute mobile app content
- Developer Tools**
Build native mobile apps with SDKs
- Location Based Services**
Real-time indoor blue-dot positioning and navigation
- Mobile Engagement**
Location-aware mobile app notifications
- Audiences**
Target mobile media at scale globally
- Targeted Media**
Work with our team to develop and launch targeted mobile campaigns
- Data Exchange**
Share data, build audiences and reward ecosystem stakeholders with digital assets
- Datasets**
Mobile data for analytics and data science
- PhunWallet**
Manage personal data and digital assets (planned for release in 2020-H2)

How We Work with Customers



| | | |
|--|--|--|
| <p>For brands without an existing mobile app</p>  <p>INDUSTRY-SPECIFIC APP TEMPLATES</p> <p>Customizable and packed with features out-of-the box</p> | <p>For brands with an existing mobile app</p>  <p>A-LA-CARTE PHUNWARE MODULES</p> <p>Can be easily integrated into existing apps</p> | <p>For brands wanting advanced features and/or custom user interface</p>  <p>CUSTOM SOLUTIONS</p> <p>Can be created by Phunware's Professional Services team</p> |
|--|--|--|

Source: Company reports.

Exhibit 4: PhunToken and PhunCoin

PhunCoin + Phun



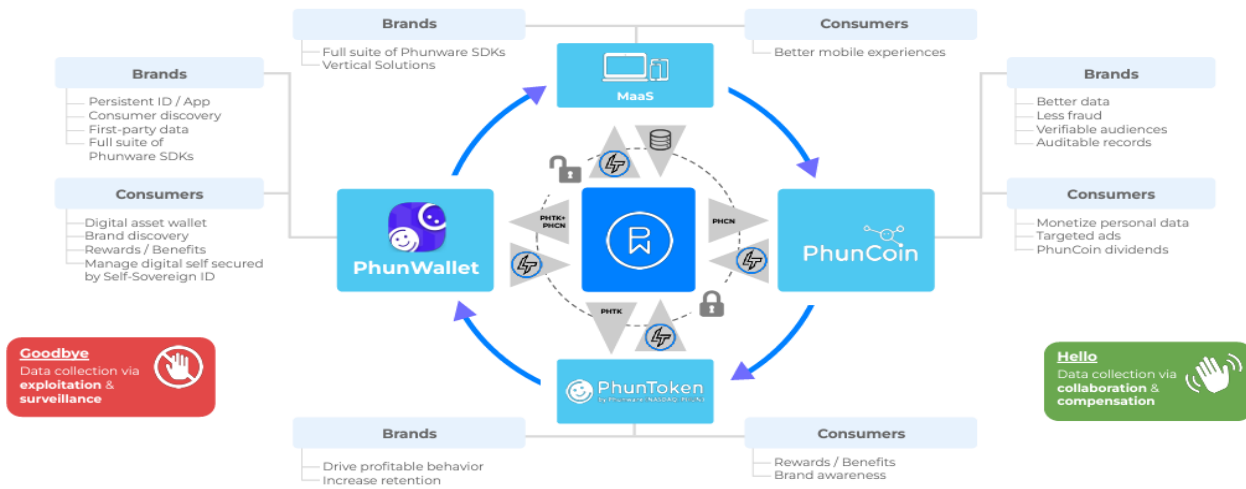
Phunware’s blockchain-enabled data exchange and mobile loyalty ecosystem are powered by two unique digital assets that help eliminate untrustworthy intermediaries and directly connect brands with consumer audiences of interest that have voluntarily opted in with their personal data and information in exchange for a benefit.



Phunware’s Phlywheel



MISSION: Deploy a self-sustaining, virtuous ecosystem that reimagines mobile engagement by decentralizing data and empowering consumers.



940M monthly active devices worldwide
5B transactions processed daily
5TB of data generated daily
\$120M+ in private financing
62 employees
3 office locations

CONSUMERS receive PhunToken in return for profitable behavior such as completing surveys, watching videos or checking into specific locations to participate in marketing campaigns.

BRANDS can customize user interfaces to rebrand PhunToken within their existing mobile applications to avoid changing consumer behavior and maintain brand awareness. Brands also receive direct, real-time access to deterministic and intent-based data for their target consumers and can reward the right consumers for their engagement.

BRANDED MARKETPLACES will give consumers the ability to spend PhunToken on valuable goods, services and offers.

CONSUMERS will be encouraged to hold PhunToken as brands unlock more valuable tiers of rewards for consumers with an auditable record of engaging in profitable behavior.

© 2009-PRESENT PHUNWARE, INC. (NASDAQ: PHUN)

Source: Company reports.

Exhibit 5: Phunware Q3 2022 and Recent Highlights

Third Quarter 2022 Financial Results

- Net Revenues for the quarter totaled \$4.8 million
- Multiscreen-as-a-Service (MaaS) Platform Revenues were \$1.3 million
- Hardware Revenues were \$3.5 million
- Net Loss was \$(8.0) million
- Net Loss per Share was \$(0.08)
- Non-GAAP Adjusted EBITDA Loss was \$(6.7) million

Click [here](#) to learn more about PhunToken and click [here](#) to learn more about PhunCoin.

Recent Business Highlights

- [Announced Contract Renewal & Expansion With Parkview Health](#)
- [LYTE by Phunware Launched Black Friday Gaming PC Sale, Slashing \\$100 Build Fee for Month of November](#)
- [Presented at the 2nd Annual Needham Virtual Crypto Conference](#)
- [Phunware to Participate at the Roth 11th Annual Technology Event on November 16, 2022](#)

Source: Company reports.

Exhibit 6: Phunware Long Term Financial Plan

Target Operating Model



30%+

Year-over-Year
Net Revenues Growth

75%+

Gross Margin

Positive

Adjusted EBITDA

Source: Company reports.

Exhibit 7: Phunware's Cryptocurrency Strategy (as of 11/18/21, 11/22/21, 12/9/21)

AUSTIN, Texas, Nov. 18, 2021 (GLOBE NEWSWIRE)

As part of the updated corporate cash management policy, Phunware may save and/or invest cash reserves in certain specified alternative reserve assets to include, but not limited to:

- **Bitcoin.** Phunware currently holds approximately 127 bitcoin, which were acquired at an aggregate purchase price of approximately \$7.75 million and an average purchase price of approximately \$61,238 per bitcoin, inclusive of fees and expenses. The Company expects to add to its bitcoin total as a routine part of corporate operations and treasury management for the foreseeable future.
- **Stablecoins.** Phunware expects to use reserve-backed stablecoins, including stablecoin collateral loops, to maximize its savings yields in digital US dollar equivalents that can be far more attractive than traditional legacy banking yields in Annual Percentage Yield (APY) terms. The Company will not use Tether (USDT) stablecoins as any part of this strategy and fully expects to concentrate its stablecoin exposure on assets such as [US Dollar Coin \(USDC\)](#) and [Gemini Dollar \(GUSD\)](#) amongst other equivalents.
- **Alternative cryptocurrencies.** Phunware expects to initiate numerous diversified DeFi positions and techniques to generate financial returns consistent with financial lending, borrowing, market making, yield farming, collateralized looping, swapping, staking, bridging, wrapping, pooling and pairing. The Company will maintain its DeFi strategies, positions and techniques as both confidential and proprietary information.

AUSTIN, Texas, Nov. 22, 2021 (GLOBE NEWSWIRE) -- [Phunware, Inc. \(NASDAQ: PHUN\)](#) (the "Company"), a fully-integrated [enterprise cloud platform](#) for mobile that provides products, solutions, data and services for brands worldwide, announced today it has purchased an additional 398 bitcoin for approximately \$23.8 million in cash at an average price of approximately \$59,917 per bitcoin, inclusive of fees and expenses.

As of November 22, 2021, Phunware holds an aggregate of approximately 529 bitcoin, which were acquired at an aggregate purchase price of approximately \$31.8 million and an average purchase price of approximately \$60,191 per bitcoin, inclusive of fees and expenses.

AUSTIN, Texas, Dec. 09, 2021 (GLOBE NEWSWIRE) -- [Phunware, Inc. \(NASDAQ: PHUN\)](#) (the "Company"), a fully-integrated [enterprise cloud platform](#) for mobile that provides products, solutions, data and services for brands worldwide, announced today it has purchased an additional 100 bitcoin for approximately \$4,975,000 in cash at an average price of approximately \$49,750 per bitcoin, inclusive of fees and expenses.

As of December 9, 2021, Phunware holds an aggregate of approximately 630 bitcoin, which were acquired at an aggregate purchase price of approximately \$36.8 million and an average purchase price of approximately \$58,513 per bitcoin, inclusive of fees and expenses.

Source: Company reports.

Exhibit 8: Bitcoin Price Chart (2-years)



Source: <https://coinmarketcap.com/>

Exhibit 9: Phunware, Inc. Stock Price (13-months)



Source: <https://bigcharts.marketwatch.com/>

Exhibit 10: Acquisition of Lyte Technology (October 2021)

Phunware Closes Acquisition of High Performance Computer Provider Lyte Technology

Revenue Guidance for Fourth Quarter Fiscal 2021 Expected to Exceed \$5M

AUSTIN, Texas, Oct. 19, 2021 (GLOBE NEWSWIRE) -- [Phunware, Inc. \(NASDAQ: PHUN\)](#) (the "Company"), a fully-integrated [enterprise cloud platform](#) for mobile that provides products, solutions, data and services for brands worldwide, announced today it has formally closed the acquisition of privately-held [Lyte Technology, Inc. \("Lyte"\)](#), a fast-growing provider of high performance computer systems. The Company financed the closing consideration of \$3.32 million with cash on-hand and unsecured, non-dilutive debt.

Lyte Technology Overview

Founded in 2018, Lyte is a profitable, rapidly-growing system integrator that specializes in marketing and distributing custom, high-end computer systems off-the-shelf with advanced graphic processing units for gaming, streaming and cryptocurrency mining. Currently located in Illinois, Lyte employs over 25 people and ships thousands of computer systems per quarter to a unique customer network that has largely grown through word-of-mouth.

Acquisition Summary and Rationale (Unaudited)

- The total consideration for the acquisition consisted of cash and Company common stock valued at up to approximately \$10.98 million, a portion of which is characterized as an earn-out payment contingent upon Lyte generating at least \$12.00 million in net revenues for the one-year period post-closing.
- No Company common stock was issued at closing.
- Lyte enables Phunware to enter the high performance personal computer market, which [JPR](#) estimates is a \$32 billion USD market that is expected to grow at a 20.4% CAGR over the next five years.
- Complementary and synergistic go-to-market strategies exist, with no overlap in the companies' relevant partner or customer bases.
- Lyte's customers represent gamers, developers, content creators and crypto enthusiasts who will support the adoption, scale and infrastructure required for Phunware to deploy its decentralized data economy powered by [PhunCoin](#) and [PhunToken](#).
- For the fourth quarter of fiscal 2021, Phunware expects to report net revenues exceeding \$5.00 million.

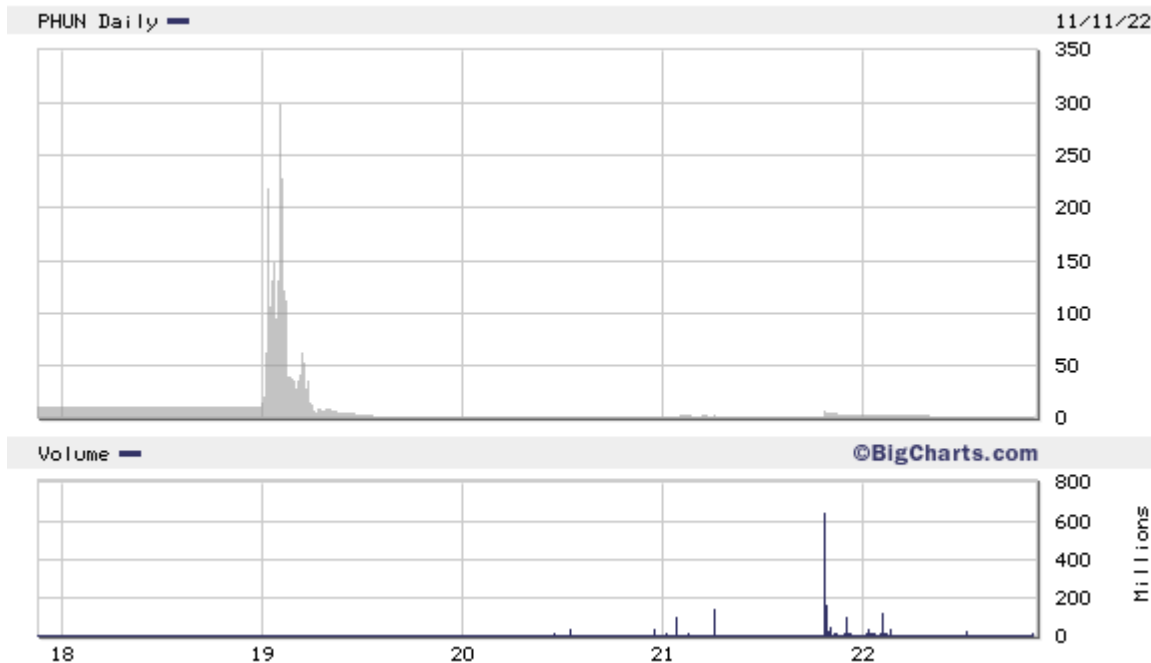
Lyte by Phunware



- Acquisition of Lyte Technology closed on October 21, 2021
- Added 41 team members to Phunware
- Expanded Phunware's footprint into the \$32 billion high performance personal computer market
- Complementary and synergistic go-to-market opportunities, with no overlap in the companies' relevant partner or customer bases
- Lyte's customers represent gamers, developers, content creators, crypto enthusiasts and personal productivity workers who support the adoption, scale and infrastructure required for Phunware in order to deploy its decentralized data economy powered by PhunCoin and PhunToken

Source: Company reports.

Exhibit 11: Phunware, Inc. Stock Price (4-years since IPO December 2018)



Source: <https://bigcharts.marketwatch.com/>

Exhibit 12: Consensus Expectations (as of November 10, 2022)

| | Revenue (mils) | | | EPS | |
|--------|----------------|-------|--------|-----------|-----------|
| | 2022E | 2023E | | 2022E | 2023E |
| Q1 Mar | \$7A | | Q1 Mar | \$(0.04)A | |
| Q2 Jun | \$6A | | Q2 Jun | \$(0.08)A | |
| Q3 Sep | \$6E | | Q3 Sep | \$(0.07)E | |
| Q4 Dec | \$7E | | Q4 Dec | \$(0.07)E | |
| Total | \$25E | \$32E | Total | \$(0.48)E | \$(0.24)E |

*Quarterly estimates may not add to annual estimates due to variations in contributing estimates and rounding.

Source: Company report, Refinitiv, and Ascendant Capital Markets estimates

FINANCIAL MODEL

Phunware, Inc.

| Income Statement (\$ mils) | Mar-20 | Jun-20 | Sep-20 | Dec-20 | 2020 | Mar-21 | Jun-21 | Sep-21 | Dec-21 | 2021 | Mar-22 | Jun-22 | Sep-22 | Dec-22 | 2022 | Mar-23 | Jun-23 | Sep-23 | Dec-23 | 2023 |
|----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Fiscal Year End: December 31 | Q1A | Q2A | Q3A | Q4A | FY-A | Q1A | Q2A | Q3A | Q4A | FY-A | Q1A | Q2A | Q3A | Q4E | FY-E | Q1E | Q2E | Q3E | Q4E | FY-E |
| Total Revenue | 2.6 | 2.2 | 3.1 | 2.0 | 10.0 | 1.6 | 1.4 | 2.2 | 5.4 | 10.6 | 6.8 | 5.5 | 4.8 | 5.5 | 22.5 | 6.8 | 6.5 | 6.1 | 6.6 | 26.0 |
| Cost of Revenues | 1.1 | 0.8 | 0.9 | 0.6 | 3.4 | 0.7 | 1.1 | 1.0 | 4.2 | 7.0 | 5.0 | 4.0 | 4.0 | 3.8 | 16.8 | 4.1 | 3.6 | 3.1 | 3.0 | 13.7 |
| Gross Profit | 1.5 | 1.4 | 2.2 | 1.4 | 6.6 | 1.0 | 0.3 | 1.1 | 1.2 | 3.6 | 1.8 | 1.5 | 0.8 | 1.6 | 5.7 | 2.7 | 2.9 | 3.1 | 3.6 | 12.3 |
| Sales and marketing | 0.6 | 0.3 | 0.4 | 0.4 | 1.7 | 0.6 | 0.6 | 0.7 | 1.1 | 3.0 | 1.5 | 1.9 | 1.8 | 1.6 | 6.9 | 1.7 | 1.6 | 1.5 | 1.6 | 6.5 |
| General and administrative | 3.9 | 3.8 | 4.3 | 3.4 | 15.4 | 2.8 | 3.0 | 3.3 | 4.2 | 13.3 | 4.3 | 5.3 | 5.2 | 4.9 | 19.7 | 4.7 | 4.6 | 4.3 | 4.6 | 18.2 |
| Research and development | 0.9 | 0.4 | 0.6 | 0.8 | 2.6 | 1.1 | 0.8 | 1.2 | 1.1 | 4.2 | 1.0 | 1.9 | 1.7 | 1.6 | 6.2 | 1.6 | 1.5 | 1.4 | 1.5 | 6.0 |
| Restructuring and other | | | 4.5 | | 4.5 | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 |
| Total operating expenses | 5.4 | 4.4 | 9.7 | 4.6 | 24.1 | 4.4 | 4.5 | 5.2 | 6.4 | 20.5 | 6.8 | 9.1 | 8.7 | 8.2 | 32.7 | 8.0 | 7.7 | 7.2 | 7.8 | 30.7 |
| Operating income (loss) | (3.9) | (3.0) | (7.5) | (3.2) | (17.5) | (3.4) | (4.2) | (4.0) | (5.2) | (16.8) | (5.0) | (7.5) | (7.9) | (6.6) | (27.0) | (5.3) | (4.8) | (4.2) | (4.1) | (18.4) |
| Interest income (expense) | (0.1) | (0.5) | (1.4) | (1.5) | (3.4) | (2.2) | (1.8) | 0.0 | (0.4) | (4.5) | (0.4) | (0.3) | (1.0) | (0.3) | (1.9) | (0.3) | (0.3) | (0.3) | (0.3) | (1.0) |
| Other income (expense) | (0.1) | 0.3 | (1.5) | (1.3) | (1.3) | (6.7) | (2.3) | 4.4 | (28.0) | (32.6) | (9.5) | (9.3) | 0.9 | 0.0 | (17.9) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Income before income taxes | (4.0) | (3.5) | (8.6) | (6.2) | (22.2) | (12.4) | (8.3) | 0.4 | (33.7) | (53.9) | (14.9) | (17.1) | (8.0) | (6.8) | (46.8) | (5.5) | (5.0) | (4.4) | (4.4) | (19.4) |
| Income taxes | | | 0.0 | 0.0 | 0.0 | | | (0.4) | (0.4) | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Net income (loss) | (4.0) | (3.5) | (8.6) | (6.2) | (22.2) | (12.4) | (8.3) | 0.4 | (33.2) | (53.5) | (14.9) | (17.1) | (8.0) | (6.8) | (46.8) | (5.5) | (5.0) | (4.4) | (4.4) | (19.4) |
| Nonrecurring/noncash adjustments | | | 4.5 | | 4.5 | | | | | 0.0 | 10.8 | 9.7 | | | 20.6 | | | | | 0.0 |
| Net income (pro forma) | (4.0) | (3.5) | (4.1) | (6.2) | (17.7) | (12.4) | (8.3) | 0.4 | (33.2) | (53.5) | (4.1) | (7.4) | (8.0) | (6.8) | (26.3) | (5.5) | (5.0) | (4.4) | (4.4) | (19.4) |
| EBITDA | (3.2) | (1.8) | (1.3) | (2.1) | (8.4) | (2.4) | (2.7) | (2.5) | (4.0) | (11.7) | (4.2) | (6.6) | (6.7) | (5.7) | (23.2) | (4.4) | (3.9) | (3.3) | (3.2) | (14.8) |
| Shares, Basic | 40.1 | 41.9 | 44.3 | 51.0 | 44.3 | 64.6 | 71.6 | 74.3 | 91.0 | 75.4 | 96.8 | 97.7 | 98.8 | 104.0 | 99.4 | 104.3 | 104.6 | 104.9 | 105.2 | 104.8 |
| Shares, Diluted | 41.0 | 41.9 | 44.3 | 51.0 | 44.3 | 64.6 | 71.6 | 74.3 | 91.0 | 75.4 | 96.8 | 97.7 | 98.8 | 104.0 | 99.4 | 104.3 | 104.6 | 104.9 | 105.2 | 104.8 |
| EPS Basic (pro forma) | (\$0.10) | (\$0.08) | (\$0.09) | (\$0.12) | (\$0.40) | (\$0.19) | (\$0.12) | \$0.01 | (\$0.37) | (\$0.71) | (\$0.04) | (\$0.08) | (\$0.08) | (\$0.07) | (\$0.26) | (\$0.05) | (\$0.05) | (\$0.04) | (\$0.04) | (\$0.19) |
| EPS Diluted (pro forma) | (\$0.10) | (\$0.08) | (\$0.09) | (\$0.12) | (\$0.40) | (\$0.19) | (\$0.12) | \$0.01 | (\$0.37) | (\$0.71) | (\$0.04) | (\$0.08) | (\$0.08) | (\$0.07) | (\$0.26) | (\$0.05) | (\$0.05) | (\$0.04) | (\$0.04) | (\$0.19) |
| Margins | | | | | | | | | | | | | | | | | | | | |
| Gross margin | 59% | 65% | 71% | 70% | 66% | 58% | 22% | 53% | 22% | 34% | 26% | 28% | 17% | 30% | 25% | 40% | 45% | 50% | 55% | 47% |
| Sales and marketing | 23% | 13% | 12% | 19% | 17% | 34% | 44% | 33% | 21% | 28% | 22% | 35% | 38% | 30% | 31% | 25% | 25% | 25% | 25% | 25% |
| General and administrative | 149% | 170% | 137% | 167% | 154% | 168% | 210% | 153% | 77% | 125% | 64% | 96% | 109% | 90% | 87% | 70% | 70% | 70% | 70% | 70% |
| Research and development | 33% | 17% | 18% | 40% | 26% | 64% | 59% | 54% | 21% | 39% | 15% | 34% | 35% | 30% | 28% | 23% | 23% | 23% | 23% | 23% |
| Operating margin | -146% | -134% | -240% | -157% | -175% | -207% | -292% | -187% | -96% | -158% | -74% | -137% | -166% | -120% | -120% | -78% | -73% | -68% | -63% | -71% |
| Tax rate, GAAP | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Net margin | -150% | -159% | -274% | -305% | -222% | -751% | -578% | 17% | -615% | -503% | -220% | -311% | -169% | -125% | -208% | -82% | -77% | -72% | -67% | -74% |
| Y/Y % change | | | | | | | | | | | | | | | | | | | | |
| Total Revenue | -50% | -60% | -44% | -25% | -48% | -38% | -35% | -31% | 168% | 6% | 312% | 282% | 120% | 1% | 111% | 0% | 19% | 29% | 20% | 16% |
| Gross margin | -43% | -48% | -31% | 0% | -34% | -38% | -78% | -49% | -14% | -46% | 86% | 387% | -30% | 35% | 59% | 53% | 93% | 286% | 120% | 115% |
| Sales and marketing | -16% | -58% | -46% | -37% | -39% | -8% | 131% | 87% | 187% | 83% | 167% | 202% | 154% | 48% | 128% | 14% | -15% | -16% | 0% | -5% |
| General and administrative | -1% | -5% | 14% | -9% | 0% | -30% | -20% | -23% | 24% | -14% | 56% | 74% | 57% | 18% | 48% | 10% | -13% | -17% | -7% | -7% |
| Research and development | -34% | -65% | -46% | -9% | -39% | 22% | 124% | 103% | 37% | 59% | -5% | 122% | 44% | 47% | 48% | 55% | -20% | -15% | -8% | -3% |
| Operating income (loss) | 17% | 2% | 227% | -16% | 42% | -12% | 41% | -46% | 64% | -4% | 47% | 80% | 95% | 26% | 60% | 5% | -37% | -47% | -37% | -32% |
| Net income (loss) | 13% | 14% | 253% | 59% | 72% | 212% | 136% | -104% | 440% | 141% | 21% | 106% | -2255% | -79% | -12% | -63% | -71% | -45% | -36% | -59% |
| EPS Diluted (pro forma) | -16% | 6% | 48% | 22% | 15% | 98% | 38% | -105% | 202% | 77% | -78% | -35% | -1722% | -82% | -63% | 26% | -36% | -48% | -36% | -30% |

Source: Company reports and Ascendant Capital Markets estimates.

Phunware, Inc.

| Balance Sheet (\$ mils) | Mar-20 | Jun-20 | Sep-20 | Dec-20 | Mar-21 | Jun-21 | Sep-21 | Dec-21 | Mar-22 | Jun-22 | Sep-22 | Dec-22 | Mar-23 | Jun-23 | Sep-23 | Dec-23 |
|---|-------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Fiscal Year End: December 31 | Q1A | Q2A | Q3A | Q4A | Q1A | Q2A | Q3A | Q4A | Q1A | Q2A | Q3A | Q4E | Q1E | Q2E | Q3E | Q4E |
| Assets | | | | | | | | | | | | | | | | |
| Cash and cash equivalents | 0.8 | 0.2 | 1.1 | 3.9 | 23.5 | 2.7 | 0.9 | 23.1 | 10.8 | 2.7 | 8.5 | 4.4 | 6.4 | 1.3 | (3.5) | (6.0) |
| Short term investments | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Accounts receivable, net | 0.9 | 0.9 | 1.2 | 0.7 | 0.9 | 0.7 | 1.2 | 1.0 | 1.2 | 0.8 | 1.7 | 1.9 | 2.3 | 2.2 | 2.1 | 2.3 |
| Inventory | | | | | | | | 2.6 | 4.7 | 3.5 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| Deferred income taxes | | | | | | | | | | | | | | | | |
| Digital currencies | | | | | 1.1 | 0.8 | 0.8 | 32.6 | 24.2 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 |
| Prepaid expenses and other | 0.5 | 0.6 | 0.5 | 0.3 | 0.8 | 1.6 | 0.7 | 0.7 | 1.3 | 1.2 | 0.8 | 0.9 | 1.2 | 1.2 | 1.1 | 1.2 |
| Total current assets | 2.2 | 1.6 | 2.8 | 4.9 | 26.3 | 5.7 | 3.6 | 60.0 | 42.3 | 20.8 | 26.9 | 23.0 | 25.8 | 20.5 | 15.6 | 13.3 |
| Property and equipment, net | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.7 | 0.8 | 1.1 |
| Intangibles, net | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 25.9 | 36.5 | 36.3 | 36.0 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| Deferred income tax | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 | 0.5 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| Restricted cash | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other | 0.3 | 0.3 | 0.3 | 0.3 | 2.0 | 1.9 | 1.8 | 1.5 | 1.5 | 3.0 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| Total assets | 28.8 | 28.2 | 29.4 | 31.8 | 54.9 | 34.2 | 32.0 | 99.3 | 81.4 | 61.2 | 68.5 | 64.7 | 67.6 | 62.6 | 57.7 | 55.7 |
| Liabilities and stockholders' equity | | | | | | | | | | | | | | | | |
| Accounts payable | 10.7 | 9.7 | 9.1 | 8.5 | 7.8 | 7.0 | 7.1 | 6.6 | 6.8 | 7.5 | 7.5 | 8.6 | 13.6 | 13.1 | 12.3 | 13.1 |
| Accrued expenses | 4.4 | 4.4 | 10.1 | 8.4 | 6.7 | 4.0 | 2.9 | 10.0 | 7.5 | 7.6 | 6.5 | 7.5 | 10.2 | 9.8 | 9.2 | 9.9 |
| Deferred revenue | 3.1 | 3.0 | 3.2 | 2.4 | 2.2 | 2.0 | 1.8 | 4.0 | 3.3 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| PhunCoin deposits | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Deferred income tax | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Warrant liabilities | | | 1.2 | 1.6 | 2.5 | 1.8 | 1.8 | 3.6 | 3.8 | 1.1 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Factored receivables payable | 0.5 | 0.4 | 0.4 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Short term debt | 1.2 | 1.3 | 1.7 | 4.4 | 10.0 | 0.1 | 0.1 | 4.9 | 3.5 | 2.0 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 |
| Total current liabilities | 21.1 | 20.0 | 26.9 | 26.5 | 30.4 | 16.2 | 14.9 | 30.3 | 26.1 | 21.2 | 29.9 | 32.1 | 39.6 | 38.7 | 37.4 | 38.9 |
| Deferred income taxes | 0.2 | 0.2 | 0.2 | | 0.5 | 0.5 | 0.5 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| Warrant liabilities | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other long term liabilities | 0.1 | 0.2 | 0.2 | 0.7 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 2.2 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Deferred revenue | 3.2 | 2.9 | 2.0 | 2.7 | 2.1 | 1.8 | 1.3 | 1.3 | 1.0 | 0.9 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Long term debt | 2.9 | 4.4 | 4.8 | 4.0 | 3.9 | 3.9 | 1.0 | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total other liabilities | 6.4 | 7.7 | 7.2 | 7.4 | 8.0 | 7.6 | 4.1 | 3.7 | 3.3 | 4.4 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 |
| Preferred stock | | | | | | | | | | | | | | | | |
| Common stock | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 |
| Additional paid-in capital | 129.4 | 132.0 | 135.2 | 144.2 | 175.0 | 177.3 | 180.9 | 264.9 | 266.6 | 267.5 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 |
| Retained earnings | (127.6) | (131.1) | (139.6) | (145.8) | (158.2) | (166.5) | (167.5) | (199.3) | (214.2) | (231.3) | (239.3) | (246.2) | (251.7) | (256.7) | (261.1) | (265.5) |
| Accumulated other comprehensive income | (0.5) | (0.5) | (0.4) | (0.3) | (0.3) | (0.3) | (0.4) | (0.4) | (0.4) | (0.5) | (0.6) | (0.6) | (0.6) | (0.6) | (0.6) | (0.6) |
| Non-controlling interest | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total stockholders' equity | 1.4 | 0.5 | (4.8) | (2.0) | 16.6 | 10.5 | 13.0 | 65.3 | 52.0 | 35.7 | 32.8 | 26.9 | 22.2 | 18.1 | 14.6 | 11.1 |
| Total stockholders' equity and liabilities | 28.8 | 28.2 | 29.4 | 31.8 | 54.9 | 34.2 | 32.0 | 99.3 | 81.4 | 61.2 | 68.5 | 64.7 | 67.6 | 62.6 | 57.7 | 55.7 |

Balance Sheet Drivers

| | Mar-20 | Jun-20 | Sep-20 | Dec-20 | Mar-21 | Jun-21 | Sep-21 | Dec-21 | Mar-22 | Jun-22 | Sep-22 | Dec-22 | Mar-23 | Jun-23 | Sep-23 | Dec-23 |
|--|---------|---------|---------|---------|--------|---------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| | Q1A | Q2A | Q3A | Q4A | Q1A | Q2A | Q3A | Q4A | Q1A | Q2A | Q3A | Q4E | Q1E | Q2E | Q3E | Q4E |
| Prepaid as % of total rev | 18% | 25% | 15% | 15% | 48% | 110% | 34% | 13% | 19% | 22% | 17% | 17% | 18% | 18% | 18% | 18% |
| Accounts payable as % of total rev | 404% | 440% | 290% | 419% | 473% | 490% | 328% | 122% | 100% | 137% | 158% | 158% | 200% | 200% | 200% | 200% |
| Accrued expenses as % of total rev | 167% | 200% | 321% | 414% | 408% | 278% | 134% | 186% | 111% | 138% | 138% | 138% | 150% | 150% | 150% | 150% |
| Activity Ratios | | | | | | | | | | | | | | | | |
| A/R Days Sales Outstanding | 31 | 38 | 33 | 30 | 51 | 41 | 51 | 16 | 16 | 13 | 32 | 31 | 31 | 31 | 31 | 31 |
| Book & Cash Value (per share) | | | | | | | | | | | | | | | | |
| Book Value per Share (diluted) | \$0.03 | \$0.01 | -\$0.11 | -\$0.04 | \$0.26 | \$0.15 | \$0.18 | \$0.72 | \$0.54 | \$0.37 | \$0.33 | \$0.26 | \$0.21 | \$0.17 | \$0.14 | \$0.11 |
| Cash per Share (diluted) | \$0.02 | \$0.00 | \$0.03 | \$0.08 | \$0.36 | \$0.04 | \$0.01 | \$0.25 | \$0.11 | \$0.03 | \$0.09 | \$0.04 | \$0.06 | \$0.01 | -\$0.03 | -\$0.06 |
| Net cash per Share (diluted) | -\$0.08 | -\$0.13 | -\$0.12 | -\$0.09 | \$0.15 | -\$0.02 | \$0.00 | \$0.20 | \$0.08 | \$0.01 | -\$0.04 | -\$0.08 | -\$0.06 | -\$0.11 | -\$0.15 | -\$0.18 |

Source: Company reports and Ascendant Capital Markets estimates

Phunware, Inc.

| Cash Flow Statement (\$ mils) | Mar-20 | Jun-20 | Sep-20 | Dec-20 | 2020 | Mar-21 | Jun-21 | Sep-21 | Dec-21 | 2021 | Mar-22 | Jun-22 | Sep-22 | Dec-22 | 2022 | Mar-23 | Jun-23 | Sep-23 | Dec-23 | 2023 | |
|---|--------------|--------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|---------------|--|
| Fiscal Year End: December 31 | Q1A | Q2A | Q3A | Q4A | FY-A | Q1A | Q2A | Q3A | Q4A | FY-A | Q1A | Q2A | Q3A | Q4E | FY-E | Q1E | Q2E | Q3E | Q4E | FY-E | |
| Cash flow from operating activities | | | | | | | | | | | | | | | | | | | | | |
| Net income | (4.0) | (3.5) | (8.6) | (6.2) | (22.2) | (12.4) | (8.3) | (1.1) | (31.8) | (53.5) | (14.9) | (17.1) | (8.0) | (6.8) | (46.8) | (5.5) | (5.0) | (4.4) | (4.4) | (19.4) | |
| Depreciation | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | (0.0) | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Amortization | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | (0.1) | 0.0 | 0.0 | 0.0 | | | | | | | | | | | |
| Debt related amortization expen | 0.0 | 0.3 | 2.0 | (0.1) | 2.2 | 1.6 | 1.1 | | 0.2 | 2.9 | 0.2 | 0.1 | 0.4 | | 0.7 | | | | | | |
| Stock comp | 0.6 | 1.1 | 1.7 | 1.0 | 4.5 | 1.1 | 1.4 | 1.5 | 1.0 | 4.9 | 0.6 | 0.7 | 0.9 | 0.9 | 3.1 | 0.9 | 0.9 | 0.9 | 0.9 | 3.6 | |
| Deferred rent | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | |
| A/R reserves | (0.0) | (0.0) | 0.0 | 0.2 | 0.2 | (0.2) | 0.2 | 0.0 | 0.0 | 0.0 | | | | | 0.0 | | | | | 0.0 | |
| Deferred income taxes | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Change in fair value of warrant liability | | | (1.2) | 0.4 | (0.9) | 0.9 | (0.7) | (0.1) | 18.0 | 18.1 | 0.2 | (2.7) | (0.8) | | (3.3) | | | | | 0.0 | |
| Writedowns and impairments | | 0.1 | (0.1) | 2.2 | 2.2 | 0.1 | 0.7 | | (0.8) | 0.0 | 9.4 | 12.2 | | | 21.5 | | | | | 0.0 | |
| Other gains/losses | | | | (0.5) | (0.5) | 5.8 | 2.2 | (2.9) | 9.4 | 14.5 | | | | | 0.0 | | | | | 0.0 | |
| Other | | | | | 0.0 | | 0.1 | 0.2 | (0.8) | (0.5) | (0.1) | 0.4 | 0.7 | | 1.0 | | | | | 0.0 | |
| Changes in operating assets and liabilities: | | | | | | | | | | | | | | | | | | | | | |
| Accounts receivable | 0.8 | 0.0 | (0.3) | 0.2 | 0.8 | (0.0) | 0.3 | (0.5) | 0.3 | (0.0) | (0.2) | 0.4 | (0.9) | (0.2) | (0.9) | (0.4) | 0.1 | 0.1 | (0.1) | (0.4) | |
| Inventory | | | | | 0.0 | | | | (0.9) | (0.9) | (2.1) | 1.2 | 0.2 | | (0.7) | | | | | 0.0 | |
| Prepaid expenses & other curre | (0.1) | (0.1) | 0.1 | 0.2 | 0.1 | (0.5) | 0.1 | 0.1 | (0.0) | (0.4) | (0.7) | 0.1 | 0.4 | (0.1) | (0.4) | (0.3) | 0.0 | 0.1 | (0.1) | (0.3) | |
| Income tax | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | |
| Other assets | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Accounts payable | 0.9 | (0.5) | 0.2 | (0.1) | 0.4 | (0.7) | (0.6) | 0.0 | (0.3) | (1.6) | 0.2 | 0.7 | 0.0 | 1.1 | 2.1 | 4.9 | (0.5) | (0.8) | 0.9 | 4.5 | |
| Accrued expenses | 0.6 | 0.2 | 0.5 | (0.3) | 1.1 | (2.3) | (2.5) | 1.9 | (1.2) | (4.1) | (1.5) | 1.1 | (0.7) | 1.0 | (0.1) | 2.6 | (0.4) | (0.6) | 0.7 | 2.3 | |
| Deferred revenue | (0.8) | (0.5) | (0.6) | (0.1) | (2.0) | (0.8) | (0.4) | (0.7) | 0.8 | (1.2) | (1.0) | (1.7) | 0.2 | | (2.5) | | | | | 0.0 | |
| Other liabilities | | | 4.5 | (1.5) | 3.0 | 0.1 | (0.5) | (3.2) | 2.9 | (0.8) | (0.2) | (0.2) | (0.2) | 0.0 | (0.6) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Net cash (used in) provided by | (1.9) | (2.8) | (1.8) | (4.5) | (11.0) | (7.3) | (7.1) | (4.7) | (3.4) | (22.5) | (10.2) | (4.8) | (7.9) | (4.1) | (27.0) | 2.2 | (4.9) | (4.7) | (2.2) | (9.6) | |
| Cash flow from investing activities | | | | | | | | | | | | | | | | | | | | | |
| Purchases of property and equipment | | | | | 0.0 | | | | | 0.0 | (0.1) | (0.1) | (0.1) | (0.1) | (0.3) | (0.1) | (0.3) | (0.1) | (0.3) | (0.8) | |
| Purchases of short-term investments | | | | | 0.0 | | | | (41.3) | (41.3) | (0.5) | (0.4) | | | (0.9) | | | | | 0.0 | |
| Acquisitions | | | | | 0.0 | (1.1) | (0.4) | | (3.6) | (5.1) | | (1.1) | | (1.1) | (1.1) | | | | | 0.0 | |
| Other | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | |
| Net cash used in investing activ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | (1.1) | (0.4) | 0.0 | (44.9) | (46.4) | (0.6) | (1.6) | (0.1) | (0.1) | (2.4) | (0.1) | (0.3) | (0.1) | (0.3) | (0.8) | |
| Cash flow from financing activities | | | | | | | | | | | | | | | | | | | | | |
| Issuance of debt | 3.2 | 2.8 | 4.8 | 4.6 | 15.4 | 10.0 | | (0.0) | 4.7 | 14.7 | | | | 11.8 | 0.0 | 11.8 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Repayment of debt | (0.6) | (0.7) | (3.4) | (5.3) | (10.1) | (11.8) | (13.3) | (0.0) | (1.1) | (26.2) | (1.6) | (1.6) | (1.6) | | (4.7) | | | | | 0.0 | |
| Issuance of stock | | | 1.3 | 7.8 | 9.2 | 29.7 | (0.0) | 2.9 | 62.1 | 94.7 | | | 3.7 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Proceeds from stock option exe | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 4.7 | 4.8 | 0.0 | | | | 0.0 | | | | | 0.0 | |
| Other | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | |
| Dividends and distributions | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | | | | | 0.0 | |
| Cash provided by (used in) fina | 2.5 | 2.2 | 2.7 | 7.2 | 14.6 | 27.9 | (13.3) | 2.9 | 70.5 | 88.0 | (1.6) | (1.6) | 13.9 | 0.0 | 10.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Effect of exchange rate on cash | (0.1) | (0.0) | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | (0.0) | 0.0 | (0.0) | (0.0) | (0.1) | (0.1) | | (0.2) | | | | | 0.0 | |
| Net increase (decrease) in cash | 0.6 | (0.7) | 1.0 | 2.8 | 3.7 | 19.5 | (20.8) | (1.8) | 22.2 | 19.1 | (12.3) | (8.1) | 5.8 | (4.2) | (18.8) | 2.1 | (5.2) | (4.8) | (2.5) | (10.4) | |
| Beginning cash and equivalents | 0.4 | 0.9 | 0.2 | 1.2 | 0.4 | 4.0 | 23.6 | 2.8 | 1.0 | 4.0 | 23.1 | 10.8 | 2.7 | 8.5 | 23.1 | 4.4 | 6.4 | 1.3 | (3.5) | 4.4 | |
| Ending cash and equivalents | 0.9 | 0.2 | 1.2 | 4.0 | 4.0 | 23.6 | 2.8 | 1.0 | 23.1 | 23.1 | 10.8 | 2.7 | 8.5 | 4.4 | 4.4 | 6.4 | 1.3 | (3.5) | (6.0) | (6.0) | |

Source: Company reports and Ascendant Capital Markets estimates

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Phunware, Inc.



Source: <https://bigcharts.marketwatch.com/>

| | Report Date | | Price |
|--------|-------------|--------|--------|
| Report | Date | Rating | Target |
| 1 | 6/16/2020 | Buy | 4.00 |
| 2 | 8/17/2020 | Buy | 4.25 |
| 3 | 11/10/2020 | Buy | 4.50 |
| 4 | 4/4/2021 | Buy | 4.75 |
| 5 | 5/19/2021 | Buy | 5.00 |
| 6 | 8/23/2021 | Buy | 4.50 |
| 7 | 12/5/2021 | Buy | 6.00 |
| 8 | 3/27/2022 | Buy | 6.25 |
| 9 | 6/4/2022 | Buy | 6.00 |
| 10 | 8/23/2022 | Buy | 5.75 |

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Risks & Considerations

Risks to attainment of our share price target include balance sheet/liquidity risks, changes and demand for mobile technologies, investor sentiment for investing in technology stocks, and consumer sentiment and industry growth for mobile technology companies, competition, changing macroeconomic factors, and changes in government regulations.

Ascendant Capital Markets, LLC Rating System

BUY: We expect the stock to provide a total return of 15% or more within a 12-month period.

HOLD: We expect the stock to provide a total return of negative 15% to positive 15% within a 12-month period.

SELL: We expect the stock to have a negative total return of more than 15% within a 12-month period.

Total return is defined as price appreciation plus dividend yield.

Ascendant Capital Markets, LLC Rating System

Prior to January 31, 2014, ASCM used the following rating system:

Strong Buy: We expect the stock to provide a total return of 30% or more within a 12-month period.

Buy: We expect the stock to provide a total return of between 10% and 30% within a 12-month period.

Neutral: We expect the stock to provide a total return of between minus 10% and plus 10% within a 12-month period.

Sell: We expect the stock to provide a total return of minus 10% or worse within a 12-month period.

Speculative Buy: This rating is reserved for companies we believe have tremendous potential, but whose stocks are illiquid or whose equity market capitalizations are very small, often in the definition of a nano cap (below \$50 million in market cap). In general, for stocks ranked in this category, we expect the stock to provide a total return of 50% or more within a 12-month period. However, because of the illiquid nature of the stock's trading and/or the nano cap nature of the investment, we caution that these investments may not be suitable for all parties.

Total return is defined as price appreciation plus dividend yield.

Ascendant Capital Markets, LLC Distribution of Investment Ratings (as of October 7, 2022)

| Rating | Count | Percent | Investment Banking Services Past 12 months | |
|--------|-------|---------|---|---------|
| | | | Count | Percent |
| Buy | 43 | 98% | 17 | 40% |
| Hold | 0 | 0% | 0 | 0% |
| Sell | 1 | 2% | 0 | 0% |
| Total | 44 | 100% | 17 | 39% |

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