

**STARWOOD REAL ESTATE INCOME TRUST, INC.**  
**SUPPLEMENT NO. 11 DATED MARCH 15, 2022**  
**TO THE PROSPECTUS DATED JUNE 2, 2021**

This prospectus supplement (“Supplement”) is part of and should be read in conjunction with the prospectus of Starwood Real Estate Income Trust, Inc., dated June 2, 2021 (as supplemented to date, the “Prospectus”). Unless otherwise defined herein, capitalized terms used in this Supplement shall have the same meanings as in the Prospectus. References herein to the “Company,” “we,” “us,” or “our” refer to Starwood Real Estate Income Trust, Inc. and its subsidiaries unless the context specifically requires otherwise.

The purposes of this Supplement are as follows:

- to provide an update on our acquisition pipeline;
- to provide an update on our multifamily rent growth;
- to disclose the transaction price for each class of our common stock as of April 1, 2022;
- to disclose the calculation of our February 28, 2022 NAV per share for each class of our common stock;
- to disclose the appointment of a new member to the Investment Committee of our Advisor; and
- to provide an update on the status of our current public offering (the “Offering”).

### **Acquisition Pipeline**

Our acquisitions pipeline remains strong. We currently have 13 acquisitions under contract or exclusivity totaling \$5.6 billion of purchase price. The pipeline is heavily concentrated in residential (market rate multifamily, affordable housing, and single-family rental), industrial, and self-storage.

### **Multifamily Rent Growth Update**

In February, our multifamily portfolio (66% of our AUM) experienced rent growth of 17% year-over-year on new leases and 13% on combined new and renewal leases over the trailing 30 days. This elevated level of growth has been consistent for the last 5 months.

### **April 1, 2022 Transaction Price**

The transaction price for each share class of our common stock for subscriptions accepted as of April 1, 2022 (and repurchases as of March 31, 2022) is as follows:

	<b>Transaction Price (per share)</b>
Class S	\$ 26.66
Class T	\$ 26.64
Class D	\$ 26.25
Class I	\$ 26.51

The April 1, 2022 transaction price for each of our share classes is equal to such class’s NAV per share as of February 28, 2022. A detailed presentation of the NAV per share is set forth below. No transactions or events have occurred since February 28, 2022 that would have a material impact on our NAV per share. The purchase price of our common stock for each share class equals the transaction price of such class, plus applicable upfront selling commissions and dealer manager fees.

SREIT-SUP11-0322

## February 28, 2022 NAV Per Share

NAV per share is calculated in accordance with the valuation guidelines that have been approved by our board of directors. Our NAV per share, which is updated as of the last calendar day of each month, is posted on our website at [www.starwoodNAV.reit](http://www.starwoodNAV.reit). Please refer to “Net Asset Value Calculation and Valuation Guidelines” in the Prospectus for information on how our NAV is determined. The Advisor is ultimately responsible for determining our NAV. All of our property investments are appraised annually by third party appraisal firms in accordance with our valuation guidelines and such appraisals are reviewed by our independent valuation advisor. We have included a breakdown of the components of total NAV and NAV per share as of February 28, 2022 along with the immediately preceding month.

Our total NAV presented in the following tables includes the NAV of our Class S, Class T, Class D, and Class I common shares, as well as partnership interests of the Operating Partnership held by parties other than the Company. The following table provides a breakdown of the major components of our NAV as of February 28, 2022 (\$ and shares/units in thousands):

Components of NAV	February 28, 2022
Investments in real estate	\$ 20,010,594
Investments in real estate debt	938,352
Cash and cash equivalents	977,809
Restricted cash	666,553
Other assets	651,639
Debt obligations	(11,320,361)
Secured financings on investments in real estate debt	(265,667)
Subscriptions received in advance	(518,800)
Other liabilities	(268,656)
Performance participation accrual	(45,746)
Management fee payable	(11,273)
Accrued stockholder servicing fees <sup>(1)</sup>	(3,250)
Minority interest	(87,956)
Net asset value	\$ 10,723,238
Number of outstanding shares/units	403,669

(1) Stockholder servicing fees only apply to Class S, Class T and Class D shares. For purposes of NAV we recognize the stockholder servicing fee as a reduction of NAV on a monthly basis. Under accounting principles generally accepted in the United States of America (“GAAP”), we accrue the full cost of the stockholder servicing fee as an offering cost at the time we sell Class S, Class T and Class D shares. As of February 28, 2022, we have accrued under GAAP \$335.7 million of stockholder servicing fees payable to the Dealer Manager related to the Class S, Class T and Class D shares sold.

The following table provides a breakdown of our total NAV and NAV per share, by share class, as of February 28, 2022 (\$ and shares/units in thousands, except per share/unit data):

NAV Per Share	Class S Shares	Class T Shares	Class D Shares	Class I Shares	Third-party Operating Partnership Units <sup>(1)</sup>	Total
Net asset value	\$ 4,702,273	\$ 136,625	\$ 634,648	\$ 5,009,797	\$ 239,895	\$ 10,723,238
Number of outstanding shares/units	176,350	5,129	24,173	188,968	9,049	403,669
NAV Per Share/Unit as of February 28, 2022	\$ 26.66	\$ 26.64	\$ 26.25	\$ 26.51	\$ 26.51	

(1) Includes the partnership interests of the Operating Partnership held by the Special Limited Partner.

Set forth below are the weighted averages of the key assumptions in the discounted cash flow methodology used in the February 28, 2022 valuations, based on property types.

Property Type	Discount Rate	Exit Capitalization Rate
Multifamily	5.9%	4.6%
Industrial	5.9%	4.7%
Office	7.5%	6.1%
Other	7.9%	6.5%

These assumptions are determined by the Advisor (except for investments valued by a third party appraisal firm), and reviewed by our independent valuation advisor. A change in these assumptions would impact the calculation of the value of our property investments. For example, assuming all other factors remain unchanged, the changes listed below would result in the following effects on our investment values:

Input	Hypothetical Change	Multifamily Investment Values	Industrial Investment Values	Office Investment Values	Other Investment Values
Discount Rate	0.25% decrease	+2.0%	+2.0%	+1.9%	+1.9%
(weighted average)	0.25% increase	(2.0)%	(2.0)%	(1.9)%	(1.9)%
Exit Capitalization Rate	0.25% decrease	+3.8%	+3.9%	+2.8%	+2.6%
(weighted average)	0.25% increase	(3.4)%	(3.5)%	(2.6)%	(2.4)%

The following table provides a breakdown of the major components of our NAV as of January 31, 2022 (\$ and shares/units in thousands):

Components of NAV	January 31, 2022
Investments in real estate	\$ 19,770,271
Investments in real estate debt	945,932
Cash and cash equivalents	576,180
Restricted cash	611,128
Other assets	545,063
Debt obligations	(11,318,239)
Secured financings on investments in real estate debt	(265,647)
Subscriptions received in advance	(453,494)
Other liabilities	(280,209)
Performance participation accrual	(26,085)
Management fee payable	(10,505)
Accrued stockholder servicing fees <sup>(1)</sup>	(3,343)
Minority interest	(82,609)
Net asset value	\$ 10,008,443
Number of outstanding shares/units	379,868

(1) Stockholder servicing fees only apply to Class S, Class T and Class D shares. For purposes of NAV we recognize the stockholder servicing fee as a reduction of NAV on a monthly basis. Under accounting principles generally accepted in the United States of America (“GAAP”), we accrue the full cost of the stockholder servicing fee as an offering cost at the time we sell Class S, Class T and Class D shares. As of January 31, 2022, we have accrued under GAAP \$315.3 million of stockholder servicing fees payable to the Dealer Manager related to the Class S, Class T and Class D shares sold.

The following table provides a breakdown of our total NAV and NAV per share, by share class, as of January 31, 2022 (\$ and shares/units in thousands, except per share/unit data):

NAV Per Share	Class S Shares	Class T Shares	Class D Shares	Class I Shares	Third-party Operating Partnership Units (1)	Total
Net asset value	\$ 4,384,909	\$ 129,662	\$ 609,441	\$ 4,646,486	\$ 237,945	\$ 10,008,443
Number of outstanding shares/units	165,798	4,909	23,411	176,701	9,049	379,868
NAV Per Share/Unit as of January 31, 2022	\$ 26.45	\$ 26.41	\$ 26.03	\$ 26.30	\$ 26.30	

(1) Includes the partnership interests of the Operating Partnership held by the Special Limited Partner.

### Advisor Investment Committee Changes

*The disclosure appearing under the heading “The Advisor and Starwood Capital” beginning on page 137 of our Prospectus is supplemented with the following:*

The Advisor has appointed Sean Harris, our President, as a member of its Investment Committee.

## **Status of our Current Public Offering**

We are currently offering on a continuous basis up to \$10.0 billion in shares of common stock, consisting of up to \$9.7 billion in shares in our primary offering and up to \$0.3 billion in shares pursuant to our distribution reinvestment plan. As of the date hereof, we had issued and sold (i) 238,685,048 shares of our common stock (consisting of 97,855,034 Class S shares, 2,008,353 Class T shares, 18,083,518 Class D shares and 120,738,143 Class I shares) in the primary offering for total proceeds of approximately \$5.8 billion and (ii) 4,237,634 shares of our common stock (consisting of 2,083,481 Class S shares, 77,745 Class T shares, 327,974 Class D shares and 1,748,434 Class I shares) pursuant to our distribution reinvestment plan for a total value of approximately \$104.2 million. As of February 28, 2022 our aggregate NAV was approximately \$10.7 billion. We intend to continue selling shares in the Offering on a monthly basis.