SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Quantinuum Inc.

(Name of Issuer)

Class A Common Stock, par value $0.0001 per share

(Title of Class of Securities)

(CUSIP Number)

06/30/2026

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

☐ Rule 13d-1(b)
☐ Rule 13d-1(c)
☑ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Honeywell International Inc.		
2	Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☐ (b)		
3	Sec Use Only		
4	Citizenship or Place of Organization DELAWARE		
Number of Shares Beneficially	5	Sole Voting Power 95,998,655.00	

Owned by Each Reporting Person With:	6	Shared Voting Power 28,630,074.00
	7	Sole Dispositive Power 95,998,655.00
	8	Shared Dispositive Power 28,630,074.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 124,628,729.00
10		Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) ☐
11		Percent of class represented by amount in row (9) 79.1 %
12		Type of Reporting Person (See Instructions) CO

SCHEDULE 13G

CUSIP No.

1		Names of Reporting Persons Honeywell Holdings International Inc.
2		Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☐ (b)
3		Sec Use Only
4		Citizenship or Place of Organization DELAWARE
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 28,630,074.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 28,630,074.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 28,630,074.00
10		Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) ☐
11		Percent of class represented by amount in row (9) 46.6 %

12 Type of Reporting Person (See Instructions)

CO

SCHEDULE 13G

Item 1.

(a) Name of issuer:

Quantinuum Inc.

(b) Address of issuer's principal executive offices:

303 S Technology Court, Broomfield, CO, 80021

Item 2.

(a) Name of person filing:

Each of the following is hereinafter individually referred to as a "Reporting Person" and collectively as the "Reporting Persons." This statement is filed on behalf of: Honeywell International Inc. ("Honeywell Technologies") Honeywell Holdings International Inc.

(b) Address or principal business office or, if none, residence:

The principal business address of each of the Reporting Persons is c/o Honeywell International Inc., 855 S. Mint Street, Charlotte, NC 28202.

(c) Citizenship:

Each of the Reporting Persons is organized under the laws of the State of Delaware.

(d) Title of class of securities:

Class A Common Stock, par value $0.0001 per share

(e) CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);

(b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

(c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

(d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);

(e) ☐ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);

(f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);

(g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);

(h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) Amount beneficially owned:

The ownership information presented below represents beneficial ownership of the shares of Class A Common Stock as of June 30, 2026, based upon 32,862,895 shares of Class A Common Stock outstanding at the completion of the Issuer's initial public offering on June 5, 2026, as disclosed in the Issuer's Prospectus on Form 424B4 filed with the Securities and Exchange Commission on June 5, 2026. The ownership information also assumes the redemption of the common unit of Quantinuum Holdings, LLC ("Common Units") into shares of Class A Common Stock of the Issuer on a one-to-one basis, as applicable. The amounts reported as beneficially owned consist of (i) 28,630,074 shares of Class A Common Stock underlying Common Units held directly by Honeywell Holdings International Inc. and (ii) 95,998,655 shares of Class A Common Stock underlying Common Units held directly by Honeywell

Technologies. Honeywell Holdings International Inc. is a wholly owned subsidiary of Honeywell Technologies, which is a publicly traded company with securities listed on The Nasdaq Stock Market LLC.

(b) Percent of class:

Honeywell Technologies: 79.1% Honeywell Holdings International Inc.: 46.6% %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

Honeywell Technologies: 95,998,655 Honeywell Holdings International Inc.: 0

(ii) Shared power to vote or to direct the vote:

Honeywell Technologies: 28,630,074 Honeywell Holdings International Inc.: 28,630,074

(iii) Sole power to dispose or to direct the disposition of:

Honeywell Technologies: 95,998,655 Honeywell Holdings International Inc.: 0

(iv) Shared power to dispose or to direct the disposition of:

Honeywell Technologies: 28,630,074 Honeywell Holdings International Inc.: 28,630,074

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

Not Applicable

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Honeywell International Inc.

Signature:	/s/ Su Ping Lu
Name/Title:	Su Ping Lu, Senior Vice President, General Counsel and Corporate Secretary
Date:	08/13/2026

Honeywell Holdings International Inc.

Signature:	/s/ Jake Wasserman
Name/Title:	Jake Wasserman, Secretary
Date:	08/13/2026

Exhibit Information

Exhibit 99.1: Joint Filing Agreement.

Exhibit 99.1

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1) promulgated under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree that they are jointly filing this statement on Schedule 13G. Each of them is responsible for the timely filing of such statement and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

IN WITNESS WHEREOF, the undersigned hereby execute this Joint Filing Agreement as of August 13, 2026.

Honeywell International Inc.

By: /s/ Su Ping Lu
Name: Su Ping Lu
Title: Senior Vice President, General Counsel and Corporate Secretary

Honeywell Holdings International Inc.

By: /s/ Jake Wasserman
Name: Jake Wasserman
Title: Secretary