

# IonQ cost estimation

## Overview

When submitting jobs to IonQ devices on QuREKA, a cost estimation step is required before the job can be submitted. This allows you to review the expected credit usage in advance.

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## How It Works

### 1. Cost Estimation Request

Before submitting a job, QuREKA automatically initiates a cost estimation. No credits are deducted at this stage.

### 2. Review Estimation Results

Once the estimation is complete, you can review the expected credit amount in Quantum Jobs. Estimation results are valid for **12 hours** from the time of completion. Your job must be submitted within this window.

### 3. Job Submission and Credit Deduction

After reviewing the estimated cost, confirm and submit your job. Credits are deducted at the point of submission.

### 4. View Results

Once the job is complete, you can check the execution results in Quantum Jobs. A full record of credit deductions is available in your credit history.

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## Debiasing (Error Mitigation)

Debiasing is an optional error mitigation feature provided by IonQ that can be applied at the time of job submission.

Enabling Debiasing raises the minimum charge threshold. If your estimated credit usage exceeds this threshold, no additional charge applies.

You can choose whether to enable Debiasing during the estimation review step. Your selection will affect the final amount of credits deducted.

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## Important Notes

- No credits are deducted during the cost estimation process
  - If the estimation result expires (after 12 hours), you will need to request a new estimation
  - Job submission will be rejected if your credit balance is insufficient
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Revision #2

Created 2026-07-28 06:38:13 UTC by Admin

Updated 2026-07-29 08:10:24 UTC by Admin