

Access specifications

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Microsoft Access database specifications

▼ Access database

Attribute	Maximum
Microsoft Access database (.mdb) file size	2 gigabytes minus the space needed for system objects .
Number of objects in a database	32,768
Modules (including forms and reports with the HasModule property set to True)	1,000
Number of characters in an object name	64
Number of characters in a password	14
Number of characters in a user name or group name	20
Number of concurrent users	255

▼ Table

Attribute	Maximum
Number of characters in a table name	64
Number of characters in a field name	64
Number of fields in a table	255
Number of open tables	2048; the actual number may be less because of tables opened internally by Microsoft Access
Table size	2 gigabyte minus the space needed for the system objects
Number of characters in a Text field	255
Number of characters in a Memo field	65,535 when entering data through the user interface; 1 gigabyte of character storage when entering data programmatically
Size of an OLE Object field	1 gigabyte
Number of indexes in a table	32
Number of fields in an index	10
Number of characters in a validation message	255
Number of characters in a validation rule	2,048
Number of characters in a table or field description	255
Number of characters in a record (excluding Memo and OLE Object fields) when the UnicodeCompression property of the fields is set to Yes	4,000
Number of characters in a field property setting	255

▼ Query

Attribute	Maximum
Number of enforced relationships	32 per table minus the number of indexes that are on the table for fields or combinations of fields that are not involved in relationships
Number of tables in a query	32
Number of fields in a recordset	255
Recordset size	1 gigabyte
Sort limit	255 characters in one or more fields
Number of levels of nested queries	50
Number of characters in a cell in the query	

design grid	1,024
Number of characters for a parameter in a parameter query	255
Number of ANDs in a WHERE or HAVING clause	99
Number of characters in an SQL statement	approximately 64,000

▼ Form and report

Attribute	Maximum
Number of characters in a label	2,048
Number of characters in a text box	65,535
Form or report width	22 in. (55.87 cm)
Section height	22 in. (55.87 cm)
Height of all sections plus section headers (in Design view)	200 in. (508 cm)
Number of levels of nested forms or reports	7
Number of fields or expressions you can sort or group on in a report	10
Number of headers and footers in a report	1 report header/footer; 1 page header/footer; 10 group headers/footers
Number of printed pages in a report	65,536
Number of controls and sections you can add over the lifetime of the form or report	754
Number of characters in an SQL statement that serves as the Recordsource or Rowsource property of a form, report, or control (both .mdb and .adp)	32,750

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Microsoft Access project specifications

▶ Access project

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▶ Form and report

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