

**Maximum permitted weights and dimensions, goods transport
Romania**

**LIST of national roads, maximum permitted weights and dimensions for category of
rehabilitated road (R)**

No.	National Road (DN)	Section	Length (km)
1	A1	Bucharest (km 10+600) – Pitesti (junction with DN 7)	109.400
2	A1	Timisoara (junction with DJ 691, km 503+736) – Arad (junction with DN 7, km 548+236)	44.500
3	A2	Bucharest (km 9+500) – Lehliu –Drajna Noua – Fetesti – Cernavoda (junction 1 with DN 22C)	151.480
4	A2	Junction with DN3 (km 187+200) – junction with A4 (km 203+500)	17.000
5	A3	Junction with DN15 (km 0+000) – Turda – Gilau (km 51+700)	51.700
6	A4	Junction with DN3 (km 11+200) – junction with A2 – junction with DN 39 (km 19+750)	8.800
7	1	Bucharest – Ploiesti – Brasov – Fagaras – Sibiu – Sebes – Cluj-Napoca – Oradea – Bors – border with Hungary	644.404
8	1A	Bucharest (junction with CB) – Ploiesti – Brasov (junction with DN1)	190.609
9	1B	Junction with DN1 – Albesti Paleologu – junction with DN2	67.639
10	1C	Cluj-Napoca (junction with DN1) – Dej – Baia Mare – Halmeu – border with Ukraine	217.217
11	1F	Cluj-Napoca (junction with DN1) – Zalau – Supuru de Jos (junction with DN19)	123.303
12	1H	Junction with DN1 – junction with DN1F	69.426
13	10	Buzau (junction with DN 2) - Brasov (junction with DN 11)	144.546
14	11	Brasov (junction with DN 1) - Oituz-Onesti-Bacau (junction with DN 2)	179.311
15	11A	Onesti (junction with DN 11) - Adjud-Barlad (junction with DN 24)	90.701
16	12	Chichis (junction with DN 11) - Sfantu Gheorghe-Miercurea-Ciuc-Gheorgheni-Toplita (junction with DN 15)	169.585
17	13	Brasov (junction with DN 1)- Targu Mures (junction with DN 15)	168.885
18	13A	Baluseri (junction with DN 13) - Miercurea-Ciuc (junction with DN 12)	130.550
19	14	Sibiu (junction with DN 1) - Copsa Mica-Medias-Sighisoara (junction with DN 13)	89.920
20	14A	Medias (junction with DN 14)- Iernut (junction with DN 15)	38.980
21	14B	Teius (junction with DN 1) - Copsa Mica (junction with DN 14)	54.379
22	15	Turda (junction with DN 1) - Targu Mures-Reghin-Toplita-Piatra-Neamt-Bacau	374.096
23	15A	Junction with DN 16-Saratel (junction with DN 17)	46.689
24	16	Apahida (junction with DN 1C) - Reghin (junction with DN 15)	90.306
25	17	Dej (junction with DN 1C) - Bistrita-Suceava (junction with DN 2)	254.324
26	17C	Bistrita (junction with DN 17) - Moisei (junction with DN 18)	81.295
27	18	Baia Mare (junction with DN 1C) - Sighetu Marmatiei-Iacobeni (junction with DN 17)	221.231
28	19	Oradea (junction with DN 1) - Satu Mare - Livada (junction with DN 1 C)	149.701
29	19A	Junction with DN 1F- Satu Mare - Petea- border with Hungary	62.229
30	2	Bucuresti-Urziceni-Buzau-Ramnicu Sarat-Bacau-Suceava-Siret- border with Hungary	484.966

31	2A	Urziceni (junction with DN 2) - Slobozia-Giurgeni (km 113+877)	113.805
32	2B	Buzau (junction with DN 2) - Braila-Galati- border with Republic of Moldova	150.730
33	2D	Focsani (junction with DN 2) - Targu Secuiesc (junction with DN 11)	119.343
34	2F	Bacau (junction with DN 2) - Vaslui (junction with DN 24)	82.965
35	21	Braila (junction with DN 2B) - Slobozia-Calarasi (junction with DN 3)	132.205
36	22	Braila (junction with DN 2B) - Tulcea-Ovidiu (junction with DN 2A)	208.317
37	22C	Cernavoda (junction with A2) - Murfatlar (junction with DN 3)	42.740
38	24	Tisita (junction with DN 2) - Tecuci-Crasna-Iasi-Sculeni- border with Republic of Moldova	218.669
39	24B	Crasna (junction with DN 24) - Husi-Albita- border with Republic of Moldova	48.958
40	25	Tecuci (junction with DN 24)- Sendreni (junction with DN 2B)	68.753
41	28	Sabaoani (junction with DN 2) - Targu Frumos-Iasi (junction with DN 24)	75.218
42	28B	Targu Frumos (junction with DN 28) - Botosani (junction with DN 29)	78.982
43	3	Junction with A2 (km 237 + 580) - Murfatlar (junction with DN 22C) [*]	4.720
44	3	Murfatlar (junction with DN 22C)- junction with DN 3C - junction with DN 39	20.200
45	38	Agigea (junction with DN 39)- Topraisar-Negru Voda- border with Bulgaria	53.817
46	39	Constanta (junction with DN 3)- Tuzla (km 23 + 500)	22.355
47	5	Bucuresti-Daia-Giurgiu-Pod Giurgiu- border with Bulgaria	64.254
48	5B	Giurgiu (junction with DN 5)-Ghimpati (junction with DN 6)	38.856
49	52	Alexandria (junction with DN 6)-Turnu Magurele- border with Bulgaria	52.854
50	55	Craiova (junction with DN 6)- Bechet – border with Bulgaria	71.105
51	56	Craiova (junction with DN 55)-Calafat- border with Bulgaria	84.660
52	56A	Maglavit (junction with DN 56)-Simian (junction with DN 6)	79.149
53	58	Caransebes (junction DN 6)-Resita-Anina (junction DN 57B)	83.061
54	58B	Resita (junction with DN 58)-Voiteg (junction with DN 59)	65.490
55	59	Timisoara (junction with DN 6)-Voiteg-Moravita- border with Serbia	64.386
56	59A	Timisoara (junction with DN 6)-Jimbolia-border with Serbia	47.910
57	6	Bucharest -Alexandria-Craiova-Drobeta-Turnu Severin-Lugoj-Timisoara-Cenad-border with Hungary	638.499
58	6A	Junction with DN 6-Baraj Portile de Fier I- border with Serbia	0.970
59	64	Caracal (junction with DN 6) - Baile Olanesti	135.434
60	65	Craiova (junction with DN 6)- Pitesti (junction with DN 7)	123.268
61	65B	Junction with A1- junction with DN 65	7.364
62	65F	Junction with DN 65- junction with DN 6	14.100
63	66	Filiasi (junction with DN 6) - Targu Jiu-Petrosani-Simeria (junction with DN7)	209.131
64	67	Drobeta-Turnu Severin (junction with DN 6)-Targu Jiu-Ramnicu Valcea junction with DN 7)	197.134
65	68	Caransebes (junction with DN 6)-Hateg (junction with DN 66)	70.618
66	68A	Lugoj (junction with DN 6)-Ilia (junction with DN 7)	78.468
67	69	Timisoara (junction with DN 6)- Arad (junction with DN 7)	52.450
68	7	Bucuresti-Baldana (junction with DN 71)	28.248
69	7	Pitesti (junction with A1)-Ramnicu Valcea-Calimanesti-Vestem (junction with DN1)	147.341
70	7	Sebes (junction with DN 1)- Deva-Arad-Nadlac- border with Hungary	267.604
71	7B	Junction with DN 7-Turnu- border with Hungary	10.200
72	7CC	Junction with DN 7 (km 191 + 100)- junction with DN 7 (km 197+824)	7.734
73	71	Baldana (junction with DN 7)-Targoviste-Sinaia (junction with DN 1)	109.657
74	72	Gaesti (junction with DN 7)-Targoviste-Ploiesti (intersectia cu DN 1)	76.285
75	73	Pitesti (junction with DN 7)- Campulung Muscel-Rasnov-Brasov (junction with DN 1)	132.216
76	73A	Predeal (junction with DN 1) - junction with DN 73	19.910
77	74	Brad (junction with DN 76) - Alba Iulia (junction with DN 1)	104.362

78	74A	Abrud (junction with DN 74) - Campeni (junction with DN 75)	11.106
79	75	Steii (junction with DN 76)- Campeni-Turda (junction with DN 1)	161.553
80	79	Arad (junction with DN 7)- Oradea (junction with DN 1)	115.735
81	79A	Varfurile (junction with DN 76)-Chisineu-Cris-Varsand- border with Hungary	127.230
82	CB	Junction CB with DN 1A- junction CB with DN 1- junction CB with DN 2- junction CB with DN 3- junction CB with A2- junction CB with DN 4 - junction CB with DN 5 – junction CB with DN 6 – junction CB with A1- junction CB with DN 7- junction CB with DN 1A	71.490
83	C21B	Calarasi ringroad DN 21B	4.000
84	C22G	Tulcea ringroad DN 22G	3.076
85	C3AC	Constanta ringroad DN 3A	3.870
86	CALB	DN1 (Alba Iulia) bypass	7.841
87	CORA	DN1 (Oradea) ringroad	14.120
88	CPN	Piatra-Neamt DN 15 ringroad	3.990
89	VBN	DN 17 (Bistrița) bypass	6.900
90	VDET	DN 59 (Deta) bypass	5.860
91	VGH	DN 1C (Gherla) bypass	5.047
92	VFAG	DN 1 (Făgăraș) bypass	5.930
93	VSIB	DN 1 (Sibiu) bypass	3.300
94	VTEC	DN 24 (Tecuci) bypass	5.020
95	VTGCJ	Cluj-Napoca bypass	2.453
96	DJ 691	Junction with Timisoara ringroad (km 6+500) – junction with A1 (km 13+300)	6.800
97		Ringroads and bypasses newly constructed in small towns, from the date of their use ^{**)}	
98		Newly constructed highways sections, from the date of their use ^{***)}	
99	12A*)	Miercurea-Ciuc (junction with DN 12, km 0 + 000) - Comănești (junction with DN 2G, km 82 + 797)	82.797
100	17A*)	Rădăuți-Ratos (junction with DN 2, km 83 + 315)	12.000

^{*)} Temporarily, until the date of use of Cernavoda-Murfatlar highway section

^{**)} The use of newly bypasses and ringroads of the small towns will be announced through press releases of Ministry of Transports.

Classification of roads in terms of limits on maximum permissible weights and dimensions:

R = rehabilitated roads

E = European roads

M = modernised roads

P = non-asphalted gravel roads

	<i>R</i>	<i>E</i>	<i>M</i>	<i>P</i>
Maximum permitted dimensions (m)				
Length				
Motor vehicle/trailer	12.00	12.00	12.00	12.00
Articulated vehicles	16.50	16.50	16.50	16.50
Road train	18.75	18.75	18.75	18.75
Width				
Motor vehicle	2.55	2.55	2.55	2.55
Refrigerated vehicle	2.60	2.60	2.60	2.60
Height (all the vehicles)	4.00	4.00	4.00	4.00
All road vehicles must be able to turn within a circle having an external radius of 12.50m and an internal radius of 5.30m.				
The maximum distance measured between the axis of the fifth-wheel king pin of the semi-trailer and the rear part of the semi-trailer must not exceed 12.00m.				
The maximum distance measured parallel to the longitudinal axis of the road train, from the external foremost point of the loading area behind the cab, to the rearmost point of the trailer of the road train, minus the distance between the rear point of the truck and the fore point of the trailer, must not exceed 15.65 m.				
The maximum distance measured parallel to the longitudinal axis of the road train, from the external foremost point of the loading area behind the cab, to the rearmost point of the trailer of the road train must not exceed 16.40m.				
Maximum permitted weights(t)				
Articulated vehicles with:				
trailer with 2 axles	18.00	18.00	18.00	18.00
trailer with 3 axles	24.00	22.00	22.00	20.00
Road train with 5/6 axles (2+3, 3+2/3)	40.00	40.00	40.00	38.00
Articulated vehicle with 5/6 axles (2+3, 3+2/3)	40.00	40.00	40.00	38.00
Articulated vehicle with 5/6 axles (3+2/3) used in a combined transport operation for the transport of 40' ISO containers	44.00	42.00	40.00	40.00
Road train with 4 axles (2+2)	36.00	36.00	36.00	34.00
Articulated vehicle with 4 axles (2+2) with a distance between the axles of:				
1.30m or more but less than 1.80m	36.00	36.00	36.00	34.00
more than 1.80m	36.00*	36.00	36.00	34.00
Motor vehicles				
with 2 axles	18.00	17.00	16.00	16.00
with 3 axles	25.00/26.00**	22.00/24.00**	22.00	22.00
with 4 axles, two of which are drive axles	30.00/32.00**	30.00	30.00	28.00
Maximum permitted weights per axle(t)				
single non-drive axle	10.00	10.00	8.00	7.50
single drive axle	11.50	10.00	9.00	8.00
tandem axle of a trailer or semi-trailer, with a distance between the axles of:				
less than 1.00m	11.00	11.00	11.00	11.00
1.00m or more but less than 1.30m	16.00	16.00	15.00	14.00

1.30m or more but less than 1.80m	18.00	17.00	16.00	15.00
1.80m or more	20.00	20.00	16.00	15.00
tridem axle of a trailer or semi-trailer, with a distance between the axles of:				
1.30m or less	21.00	21.00	19.00	16.50
over 1.30m to 1.40m	24.00	22.00	20.00	18.00
tandem axle of a motor vehicle, with a distance between the axles of:				
less than 1.00m	11.50	10.00	10.00	10.00
1.00m or more but less than 1.30m	16.00	15.00	14.00/15.00***	13.00
1.30m or more but less than 1.80m	18.00/19.00**	17.00/18.00***	16.00	15.00

Dual axle (tandem): combination of two axles with distance between them of 1.80m but not more.

Triple axle (tridem): combination of 3 axles with distance between them of 1.4m.

* Plus a limit of 2.0t when the maximum authorised weights of the motor vehicle (18.0t) and the tandem axle of the semi-trailer (20.0t) are respected, and the drive axle is fitted with twin tyres and pneumatic suspension or equivalent.

** Higher weight applies if the drive axle is fitted with twin tyres and pneumatic suspension or equivalent, or if each drive axle is fitted with twin tyres and the maximum load per axle does not exceed 9.5t.

*** Applies if the axle has air-suspension or equivalent of it.

Other structural conditions imposed on vehicles:

- the weight borne by the drive axle(s) of a vehicle or combined vehicle must not be less than 25% of the total laden weight of the vehicle or combined vehicle, when used in international traffic.
- Road train:
 - o the distance between the rear axle of a motor vehicle and the front axle of a trailer must not be less than 3.00m.
 - o the maximum authorised weight in tonnes of a four-axle motor vehicle may not exceed five times the distance in metres between the axles of the foremost and rearmost axles of the vehicle.
- Semi-trailer: the distance measured horizontally between the axis of the fifth-wheel king pin and any point at the front of the semi-trailer must not exceed 2.04m.

Other weights and dimensions

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Maximum permitted dimensions (m)				
Length				
Motor vehicle	12.00	12.00	12.00	12.00
Articulated vehicle	16.50	16.50	16.50	16.50
Road train	18.75	18.75	18.75	18.75
Width				
Motor vehicle	2.55	2.55	2.55	2.55
Refrigerated vehicle	2.60	2.60	2.60	2.60
Height (all the vehicles)	4.00	4.00	4.00	4.00
Maximum permitted weights(t)				
Vehicle with:				
4 axles	30.00	30.00	30.00	28.00
more than 4 axles	40.00	40.00	40.00	38.00
Road train				
vehicle with 2 axles and trailer with one axle	28.00	28.00	26.00	26.00
vehicle with 3 axles and trailer with one axle	35.00	35.00	35.00	33.00
vehicle with 4 axles and trailer with one axle	40.00	40.00	40.00	38.00
vehicle with 2 axles and trailer with 4 axles	40.00	40.00	40.00	38.00
vehicle with 4 axles and trailer with 2 axles	40.00	40.00	40.00	38.00
road train with more than 6 axles	40.00	40.00	40.00	38.00
Articulated vehicle				
vehicle with 2 axles and semi-trailer with one axle	28.00	28.00	26.00	26.00
vehicle with 3 axles and semi-trailer with one axle	35.00	35.00	35.00	33.00
vehicle with 4 axles and semi-trailer with one axle	40.00	40.00	40.00	38.00
vehicle with 2 axles and semi-trailer with 4 axles	40.00	40.00	40.00	38.00
articulated vehicle with more than 6 axles	40.00	40.00	40.00	38.00
Non-drive triple axle				
1.3 m or less	21.00	21.00	19.00	16.50
more than 1.3 m but less than 1.4 m	24.00	22.00	20.00	18.00

Dual axle (tandem): combination of two axles with distance between them of 1.80m but not more.

Triple axle (tridem): combination of 3 axles with distance between them of 1.4m.

Source: UNTRR, March 2013