

License cost for software package LIRA 10.12 modules

Prices are given in euros

LIRA 10.12	Configuration				Cost of modules
	MINI ⁵ (5000 nodes or elem.)	STANDARD	PRO	FULL	
<p>Basic configuration:</p> <ul style="list-style-type: none"> - graphical user interface; - linear static analysis; - dynamic analysis by eigenfrequencies expansion method (accelerogram, seismic by normative documents (38 modules)¹, harmonic, impulse, impact, wind pulsation); - calculation of design combinations of forces (DCF); - calculation of design combinations of loads (DCL); - calculation of loads on fragment of the structure (FRAGMENT); - strength of cross section test (LITERA); - cross section designer (CSD); - condensation of masses (mass redistribution into defined nodes of the design model); - floor nodal reaction spectrums; - editable rolled steel database; - editable materials database (concrete, reinforcement, rolled steel, wood); - documentation system; - application programming interface (LiraAPI); - Revit Structure → LIRA 10 → Revit Structure; - AutoCad → LIRA 10 → AutoCad; - Tekla Structure → LIRA 10 → Tekla Structure; - Advance Steel → LIRA 10 → Advance Steel; - Renga → LIRA 10; - integration with graphic and calculation systems based on formats: *.msh; *.stl; *.obj; *.mesh; *.off; *.poly; *.dxf; *.igs; *.3ds; *.neu; *.byu; *.ifc; *.vol; *.sli; *.sdnf; - integration with documentation systems based on formats: *.docx; *.xlsx; *.csv; *.pptx; *.html; *.bmp; *.gif; *.png; *.jpeg; *.tiff; *.avi; <p>Application Utilities:</p> <ul style="list-style-type: none"> - seismogram by accelerogram; - accelerogram by seismogram; - unit converter; - scientific calculator; - interpolation of data; - calculation of pile's stiffness; - calculation of coefficients of subgrade reaction; - wall thickness of glaze ice; - local calculation of reinforced concrete bar; - local calculation of reinforced concrete plate; - columns' effective length - calculation of steel deck 	✓	✓	✓	✓	2 000 ⁴
<p>Stability:</p> <ul style="list-style-type: none"> - calculation of safety factors and buckling modes of the structure. 	✓	✓	✓	✓	250
<p>Design system of reinforced concrete structures (RCS):</p> <ul style="list-style-type: none"> - check and reinforcement proportioning for RC elements; - check and reinforcement proportioning for pipe-concrete 	✓	✓	✓	✓	550

elements; - surface of bearing capacity; - punching of reinforced concrete slabs.					
Design system for steel structures (SS): - check and cross section proportioning of steel elements; - calculation logging; - checking cross sections of wooden elements.	✓	✓	✓	✓	400
Physical and design nonlinearity			✓	✓	600
Geometrical nonlinearity			✓	✓	600
Assemblage: - linear; - nonlinear (elements of physical, constructive and geometric nonlinearity); - direct dynamic analysis ² of the assembled structure.				✓	600
Direct dynamic analysis (Dynamics+) for action of accelerograms, seismograms and other dynamic loads for problems: - linear; - physically and constructively nonlinear; - geometrically nonlinear.				✓	600
Soil: - determination of natural foundation stiffness; - determination of pile foundation stiffness.				✓	600
Variation of models: - unification of DCF problem package; - formation of DCF and DCL by downloads of problem package.				✓	600
Bridge: - influence surfaces; - rolling by the axes of the wheels; - calculation of multistage schemes.				✓	600
Pushover Analysis (nonlinear quasi-static analysis of dynamic problems)³: - by single-component accelerogram; - DBN V.1.1-12:2014; - STO NIU MGSU 2015; - EN 1998-1:2004.				✓	600
Temperature field analysis: - stationary and non-stationary ² thermal conductivity problems (calculation of temperature distribution across structure); - considering of the obtained temperature field in the stress-strain state				✓	600
Cross-section calculation: - determination of elastic and geometric properties, plastic, torsion, shear, mass-inertial and stiffness characteristics.				✓	600
Filtration³: - filtration modeling in water-saturated soil with calculation of distribution of fluid velocity and pressure; - depression curve construction; - considering of the obtained pore pressure in stress-strain state.				✓	600

	1 200⁵	3 200	4 400	7 300	

¹Implemented standards: SP 14.13330.2018, DBNV.1.1-12:2014 (with changes from 01.05.2019), SPRK 2.03-30-2017, SNiPKR20-02:2018, EN 1998-1:2004, IBC-2012:ASCE 7-10, KMK 2.01.03-96 (with changes from 01.04.2004), SNRAII-6.02-2006, TGN 2.01.08-99, AzDTN 2.3-1-2010 (with changes from 01.01.2014), PN 01.01-09, SP 267.1325800.2016, SP 268.1325800.2016, GNI PRT 22-07-2015, IS 1893(Part 1):2002[2007], SI 413 Am.3 from 09.2009 etc

²Upon the availability of Dynamics+ module

³Upon the availability of Physical nonlinearity module

⁴Upon purchase of separate systems highlighted item is mandatory

⁵Additional modules are not added to the **MINI** configuration

Table 2. Discount system* (when 2 or more licenses are acquired simultaneously)

Number of simultaneously acquired licenses	MINI	STANDART	PRO	FULL	Custom optional configuration
2 licenses (20% discount from cost)	1920	5120	7 040	11 680	20% discount
3 licenses (30% discount from cost)	2520	7680	10 560	15 330	30% discount
From 4 licenses and more	By agreement				
* Discounts are not summed up with discounts of special offers (Table 4)					

Table 3. Cost of upgrade from previous versions

Version / Configuration	MINI	STANDART	PRO	FULL	Custom optional configuration
LIRA 10.8 - 10.10	240	640	880	1 460	80% discount
LIRA 9.x - 10.6	480	1 280	1 760	2 920	60% discount

Table 4. Special offers

Configuration name	Cost
LIRA 10.12 FULL for IHE license for 20 workplaces + 1 local license for teacher	<i>cooperation agreement</i>
LIRA 10.12 FULL CUP for users of alternative systems, if relevant confirming documentation is presented	3 650
LIRA 10.12 PRO CUP for users of alternative systems, if relevant confirming documentation is presented	2 200
LIRA 10.12 Standard CUP for users of alternative systems, if relevant confirming documentation is presented	1 600