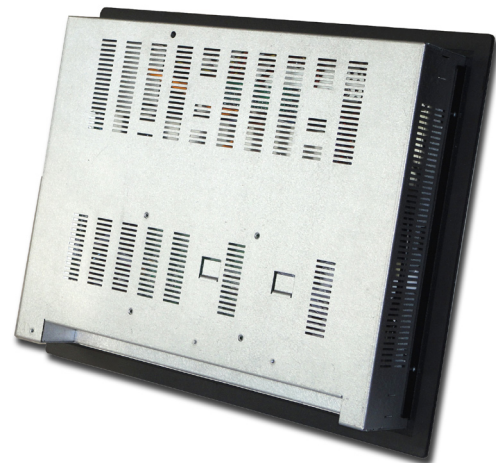# 15" Panel PC / Monitor
Mounting systems: Panel Mount / Rack Mount / open frame

- Mechanical designs: Panel Mount, Rack Mount and open frame

- Touchscreen: resistive, glass-film-glass (GFG)

- Protection class: front side IP65 (dust - tight, protection against splash water)

- Processor: Intel® ATOM™ N2600 / N2800, Intel® Bay Trail-M N2930 (fanless) or Intel® Core™ i3

- Extended temperature range -20°C to +70°C

- Option: Sunlight readable display by Optical Bonding

Description

The rugged and durable industrial Panel PCs and monitors of product line "Lizard" has been designed for installation in existing housing systems for example control cabinets / consoles, 19"Racks, ...

They are divided into the mechanical designs Panel Mount, Rack Mount and open frame. The front plates are made of aluminium, steel plate or stainless steel with IP65 protection and can be customized individually, for example marked with your own logo.

The hardware is constantly state of the art and provides enough space for future designs and applications. Individual product adaptations / solutions can be realised in accordance with customer requirements.

Applications

- Plant and machine engineering
- Industrial automation
- Food & Beverage
- Safety engineering
- Warehouse & Logistics

Different versions (in each case available as Panel PC or Monitor - individually configurable)

Panel Mount
- Front plate individually adaptable
- material / size according to customer specifications
(Example in stainless steel)

Rack Mount
- 19"Rack-Front plate in various rack units (HE)
- Standard: 6 HE / 7HE
(Example in RAL7035)

Open Frame
- Metal chassis

- Drawings: see from page 3

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15" Panel PC / Monitor
Mounting systems: Panel Mount / Rack Mount / open frame

Specifications

	Monitor	Panel PC			
Display	15"LED - 400 cd/m² - 1024 x 768				
Viewing Angle	H/V 160°/160°				
System					
CPU	-	N2600 -1.6 GHz	N2800 - 1.86 GHz	N2930 - 1.83 GHz	Intel® Core™ i3
Chipset	-	Intel® NM10 EXPRESS		-	Intel® QM77
Memory	-	DDR3 max. 2GB	DDR3 max. 4GB	DDR3L max. 4GB	DDR3 max. 8GB
Storage	-	1x 2,5" SSD / HDD (optional) - 24/7 continuous operation			
Connections I/O	1 x VGA 1 x DVI (other connections on request!)	2 x USB 1 x LAN 1 x RS 232/422/485 (other connections on request!)			
Expansion interface	-	1x Mini PCI-e (internal)			
Touchscreen	Resistive / GFG (optional)				
Operating voltage	12V DC / 24V DC / 110-240V AC (optional)				
Dimension (WxHxD)	see page 4 to 6	see page 7			
Front plate	(optional)				
Panel Mount	stainless steel V2A (IP65 on front)				
Panel Mount	Material / size / RAL according customer requirements				
Rack Mount	Material / HE / RAL according customer requirements				
Weight	~ 5 kg	~ 6 kg (depending on the version)			
Work environment					
Temperature range	Operating Storage	0° to +50° C -20° to +60° C			
Extended temperature range	(optional)	-20° to +70° C			
Relative air humidity	Operating Storage	10% ~ 95% @ 40° C (non-condensing) 5% ~ 95%			
Vibration	Operating Storage	2 - 9 Hz: Amplitude 3mm / 9 ~ 200Hz: 1G 2 - 8 Hz: Amplitude 7,5mm / 8 ~ 200Hz: 2G / 200 ~ 500Hz: 4G			
Protection class	Front side IP65 (Panel Mount / Rack Mount)				
Certification	CE, ROHS, IP				
Systems software	Windows XP / Windows 7 / Windows 8.1 (Desktop- and Embedded-versions) / LINUX				

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15" Panel PC / Monitor
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Maßzeichnungen

Monitor / Panel PC

Version "open frame"

→ Monitor: page 4

Version "Panel Mount" with threaded bolts

→ Monitor: page 5

Version "Panel Mount" with clamp fastening
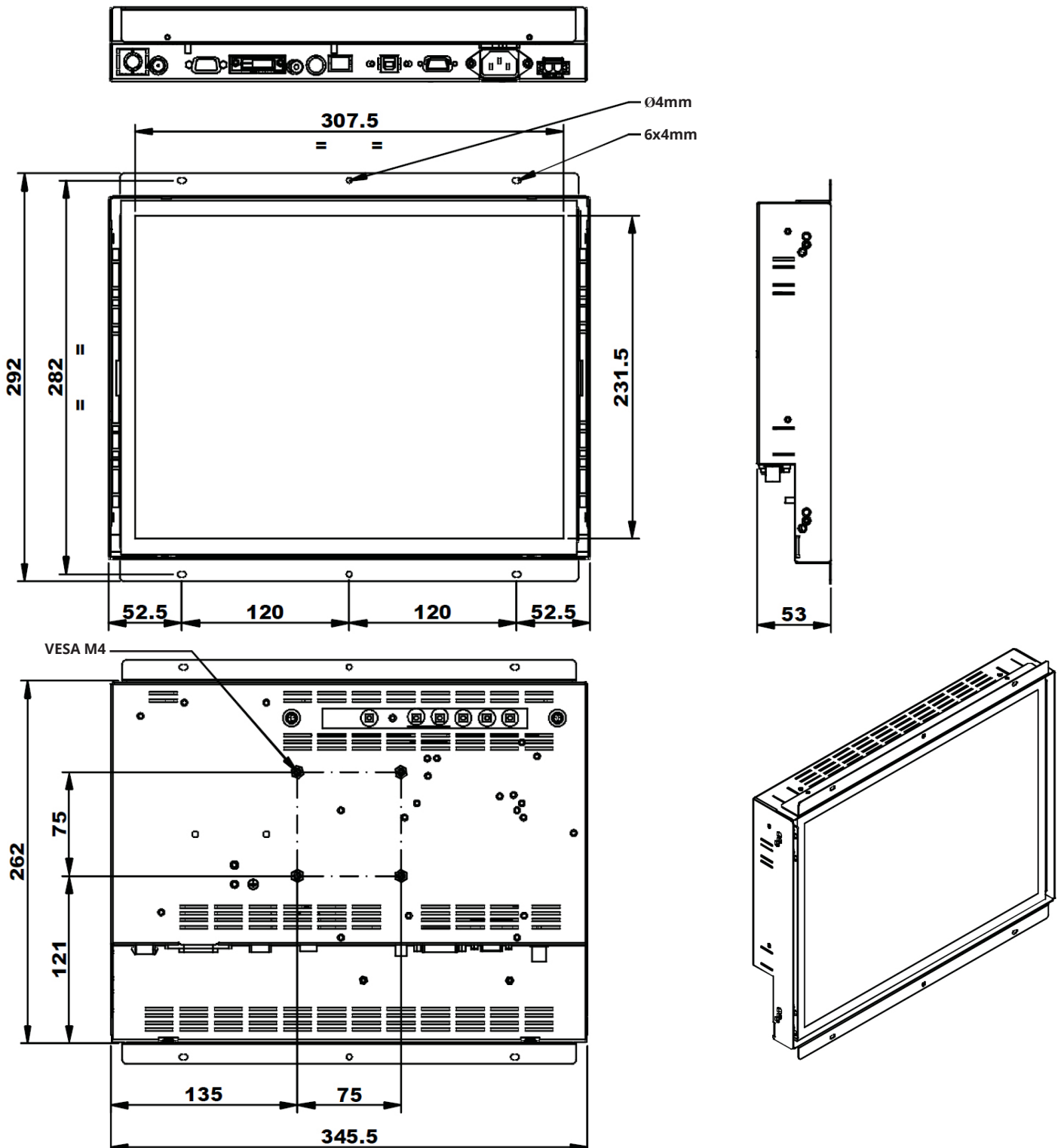
→ Monitor: page 6
→ Panel PC: page 7

15" Monitor
Mounting systems: Panel Mount / Rack Mount / open frame

Dimensional drawing

Monitor „open frame" - 345.5 x 262.0 x 53.0 mm (WxHxD)

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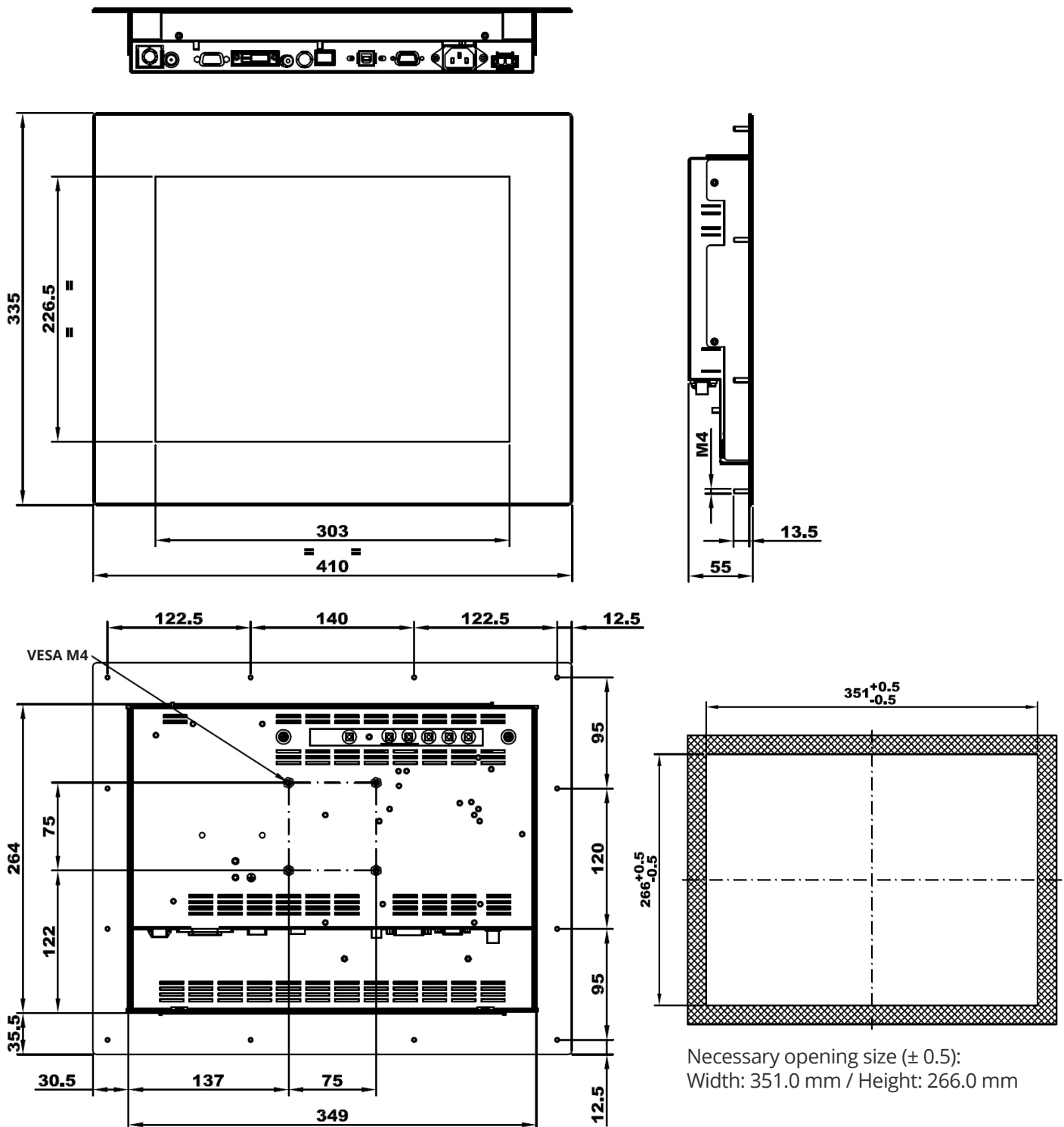info@adm-electronic.de | www.adm-electronic.de

15" Monitor
Mounting systems: Panel Mount / Rack Mount / open frame

Dimensional drawing

Monitor „Panel Mount" with threaded bolts - 410.0 x 335.0 x 55.0 mm (WxHxD)
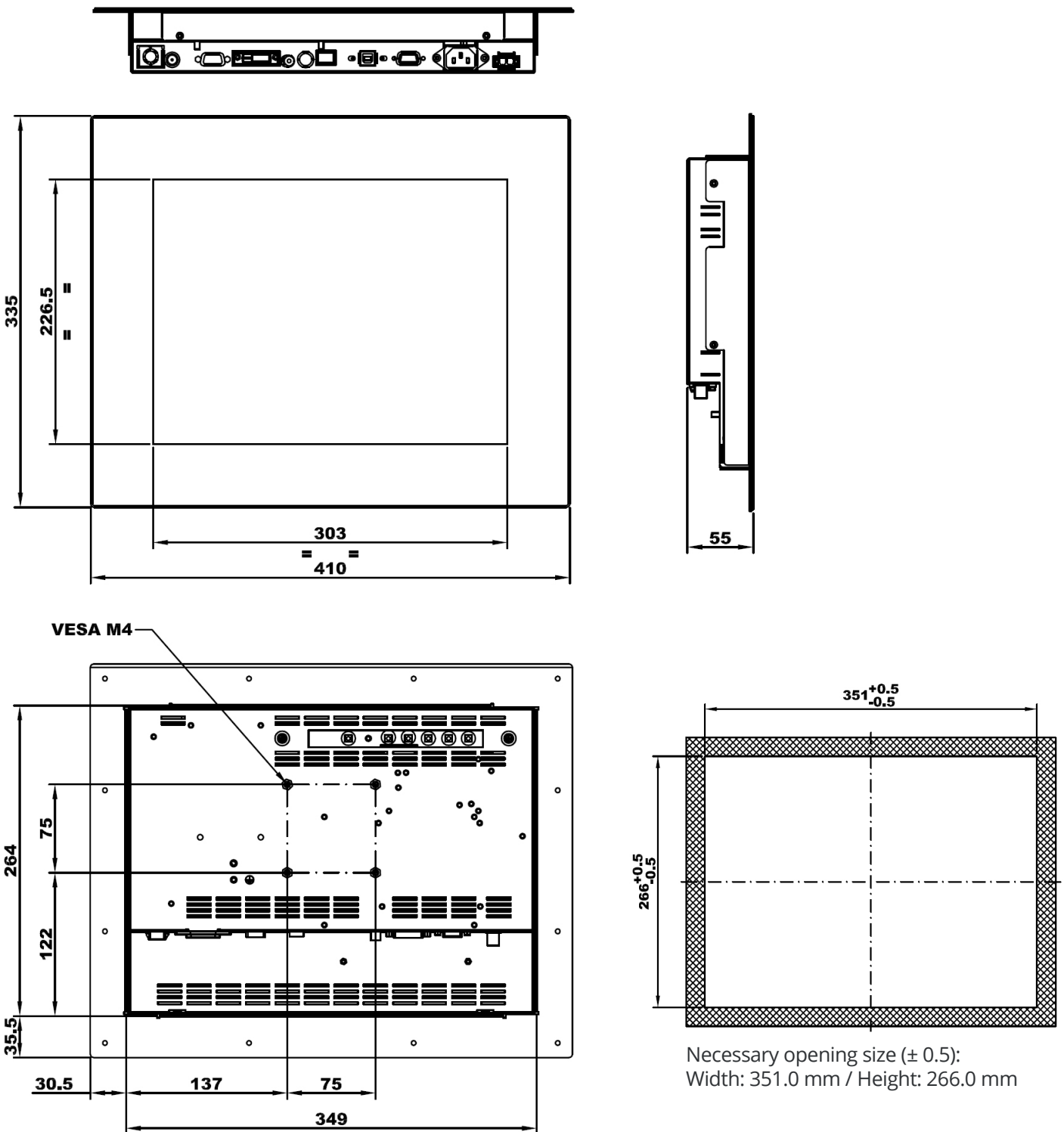

Necessary opening size (± 0.5):
Width: 351.0 mm / Height: 266.0 mm

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15" Monitor
Mounting systems: Panel Mount / Rack Mount / open frame

Dimensional drawing

Monitor „Panel Mount" with clamp fastening - 410.0 x 335.0 x 55.0 mm (WxHxD)

335

226.5

303

410

55

VESA M4

264

75

122

35.5

30.5

137

75

349

351$^{+0.5}_{-0.5}$

266$^{+0.5}_{-0.5}$

Necessary opening size (± 0.5):
Width: 351.0 mm / Height: 266.0 mm

15" Panel PC
Mounting systems: Panel Mount / Rack Mount / open frame

Dimensional drawing

Panel PC „Panel Mount" with clamp fastening - 400.0 x 320.0 x 71.5$^{(+34)}$ mm (WxHxD)

OPTIONAL

320 | 227 | 303 | 400

34 | 68.5 | 3

358 | 272.5 | 63.5 | 47 | 24 | 131.5 | 48 | 21

$360^{+0.5}_{-0.5}$

$274.5^{+0.5}_{-0.5}$

Necessary opening size (± 0.5):
Width: 360.0 mm / Height: 274.5 mm