Vision 10
Vision Monitor Series
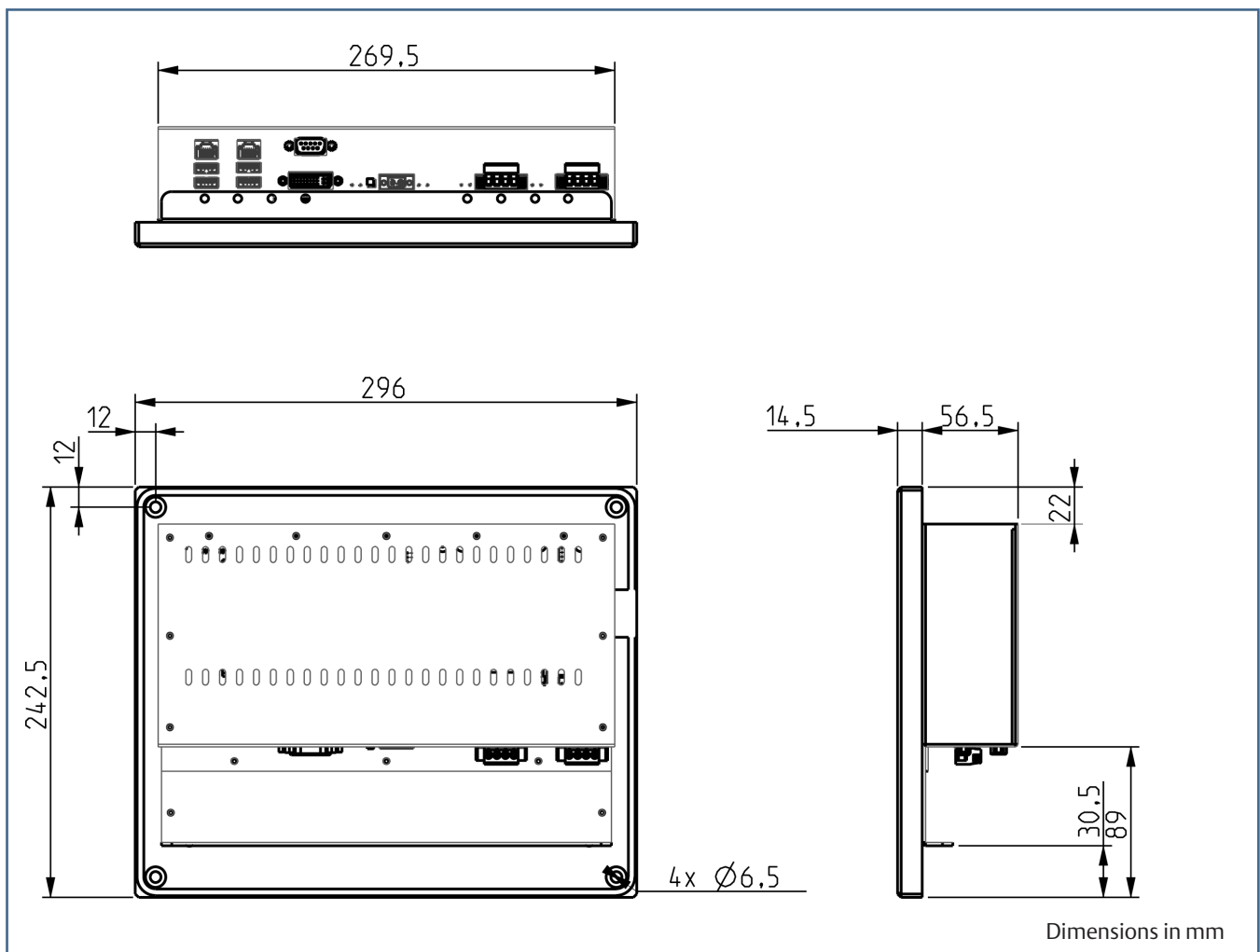

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Introduction

The Vision 10 features a 10.4" touch screen with an incorporated CPU. The CPU features a fan-less quad-core Intel® Atom™ Processor E3845 (2M Cache, 1.91 GHz) with dual SSD, dual Ethernet (1Gb/s) and a redundant 24VDC power supply.

The cabinet design supports panel-mount.

Its operating temperature range is from –20°C to +70°C, making it ideal for use in panels and cabinets with restricted air-flow.
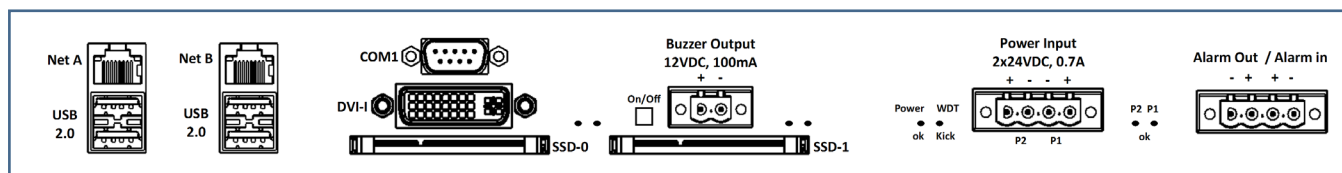
Item/Type	No.	Description
Vision 10	165B9169	Vision 10 with Windows 7
Vision 10 Win 10	165B9169-1	Vision 10 with Windows 10

Dimensions

Dimensions in mm

Technical Specifications

Vision 10		
CPU specifications	Intel® Atom™ Processor E3845 (2M Cache, 1.91 GHz), 4GB RAM	
Operating system	Windows embedded standard 7 Windows embedded standard 10	
Supported LVDS display resolutions	VGA	640 x 480
	SVGA	800 x 600
I/O connectors	Display	Internal LVDS and external DVI-I , (DVI/VGA override LVDS)
	USB	4 x USB 2.0
	Network	2 x Ethernet (10/100/1000)
	SSD	2 x CFast, 40 GB
	COM	1 x RS232/RS485
	Buzzer output	12 VDC, max 100 mA
	Power input	2 x 24VDC, (18 - 32VDC, common ground)
	Alarm	24 VDC input 24 VDC output (0.5 A)
Power controls	ATX power on/off button	
	Restart after power loss	
Power supply and consumption	Power input	2 x 24 VDC (18 - 32 VDC, common ground)
	Consumption	14 - 17 W (Idle - full load at full backlight)
Physical specifications	Dimension	296 x 242.5 x 71 mm
	Weight	1.5 kg
Environmental specifications	Operating	-25° to +70° C, 95% humidity (for maximum lifespan, an operational temp. from ±0° to +40° C is recommended)
IP-rating	Front IP 2X Back IP 2X	
Approvals	Conform to IACS-E10 (Rev.8 2021) and IEC 60945 (En 60945:2002) To be type approved by DNV-GL, LR, BV, ABS, KR, RINA, NK and CCS	

I/O Panel - Connectors, Disks and LED's

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