10.1" PANEL COMPUTER

SUMMARY

CUSTOMER ID	30047	**CPU OPTION**	**NORTH INVENT PART NO:**
COMPANY NAME	North Invent Norway	INTEL ATOM x6413E Quad Core @ 1.5 GHz (2.7 GHz)	WE101 000 581
VAT	987884002VAT		
ADDRESS	Sørhauggata 128 5527 Haugesund NORWAY	NB! To order optional PSU versions and / or I/Os , please ask your North Invent contactperson.	

REVISION HISTORY

APPROVED	CHECKED	DRAWN	STATUS	DESCRIPTION
2023.09.01 OKJ	2023.09.01 OKJ	2023.09.01 OKJ	Issued for Customer Review	First Revision, illustrations to be updated
2024.19.02 NIP	2024.19.02 NIP	2024.19.02 NIP	Issued for Customer Review	General Update

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NORTH INVENT
Sørhauggata 128,
NO-5527 Haugesund, Norway
Phone: +47 48 84 02 00

NORTH INVENT

10.1" PANEL COMPUTER

The North Invent 10.1" Panel Computer is a state-of-the-art computer concept, built with industrial extended temperature components.

Designed for 10 years of manufacturing, the North Invent 10.1" Panel Computer is boasting powerful 11th Generation Intel® Atom™ Processors.

It has 10 point PCAP multitouch integrated into a slim design.

As for all North Invent products the will unit remains fanless with low power consumption.

TECHNICAL SPECIFICATIONS
10.1" Panel Computer

MATCHING STANDARDS

IEC 60945, IEC 60529 (IP), IACS E10, EMC Directive-2014/30/EU, RoHS, REACH

Compliant to a selectioin of MIL standards.

DISPLAY SIZE	10.1" - Active area 216.96 (W) X 135.60 (H) mm
OVERALL DIMENSIONS	244 (W) x 167 (H) x 50,54 (D) mm
NET / GROSS WEIGHT	1.7 / 2.5 kg
RESOLUTION	Max 1280 x 800 pixels
RESPONSE TIME	13 ms (typ)
CONTRAST RATIO	800:1 (typ)
CPU	Intel® Atom x6413E @ 1.5 GHz (2.7 GHz)
LIGHT INTENSITY	700 cd/m2 (typ)
GRAPHICS	Intel® UHD Graphics (Gen11)
VIEWING ANGLE	±88°
STORAGE	32GB eMMC 5.1 onboard flash
SUPPLY VOLTAGE	Wide Range 9-36 VDC
POWER CONSUMPTION	Approx. 35W
RAM	4GB 3200MT/s LPDDRx onboard memory
ENCLOSURE PROTECTION	IP 67 from front given correct mounting and sealing.
GLASS TYPE	3.0 mm Tempered, Anti Reflective
INPUT/ OUTPUT	2 x 10/100/1000 Ethernet RJ45 with TPM 2.0, 1 x DisplayPort (DP++) output, 1x USB 3.1 Gen2 Type C, 2 x USB 3.1 Gen 2 Type A, 1 x RS232 (9-pin DSUB), 1 x RS422 (9-pin DSUB).
OPERATING / STORAGE TEMPERATURE	-30/+70° C, -30/+70° C (-22/+158° F, -22/+158° F)
BACKLIGHT LIFE	Typ 50.000 Hours
DIMMING RANGE	0-100%
OS SUPPORTED	Linux and Windows
TOUCH	10 Point PCAP Multitouch

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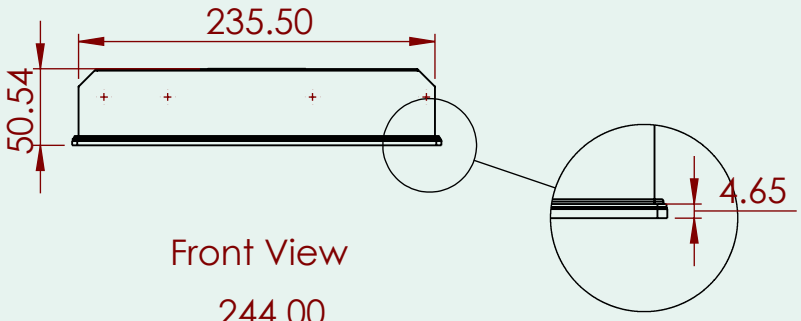
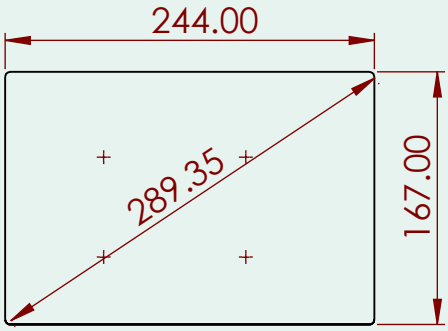
TECHNICAL SPECIFICATIONS
10.1" Panel Computer

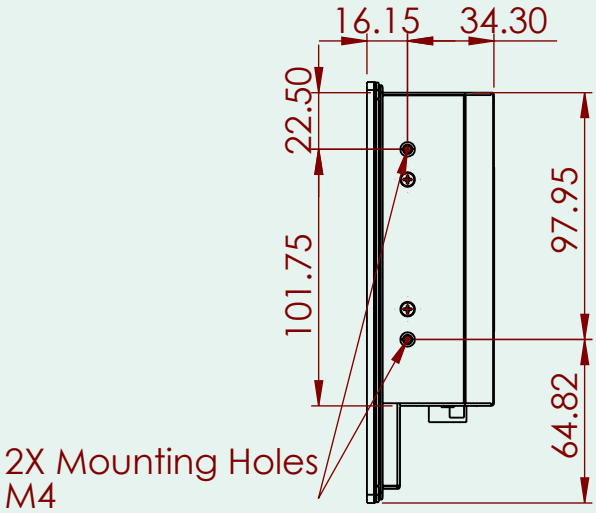
Top View



Front View



Side View



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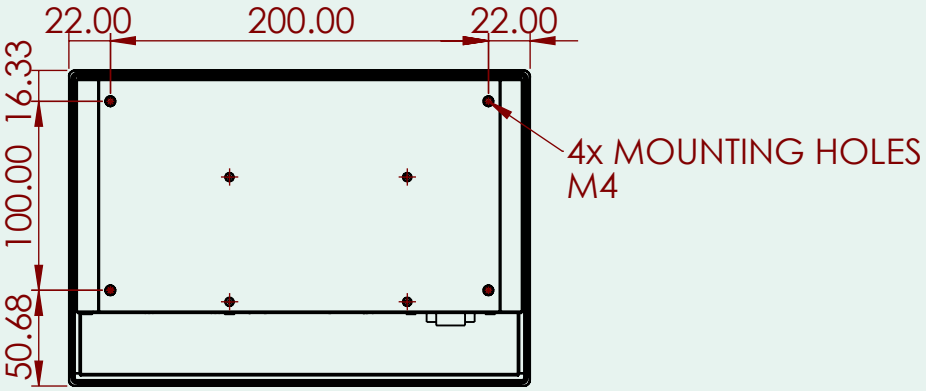
Bottom View

Back View



Cut out

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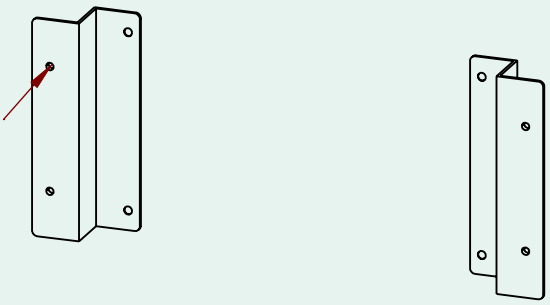
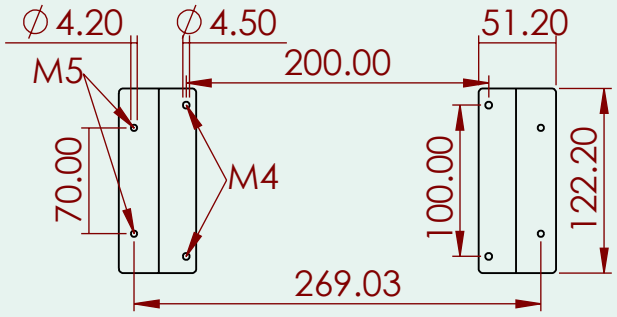
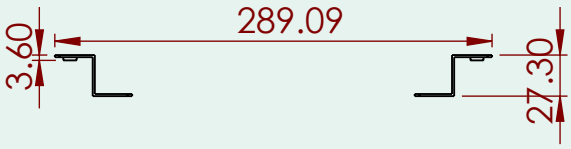
Mounting Brackets







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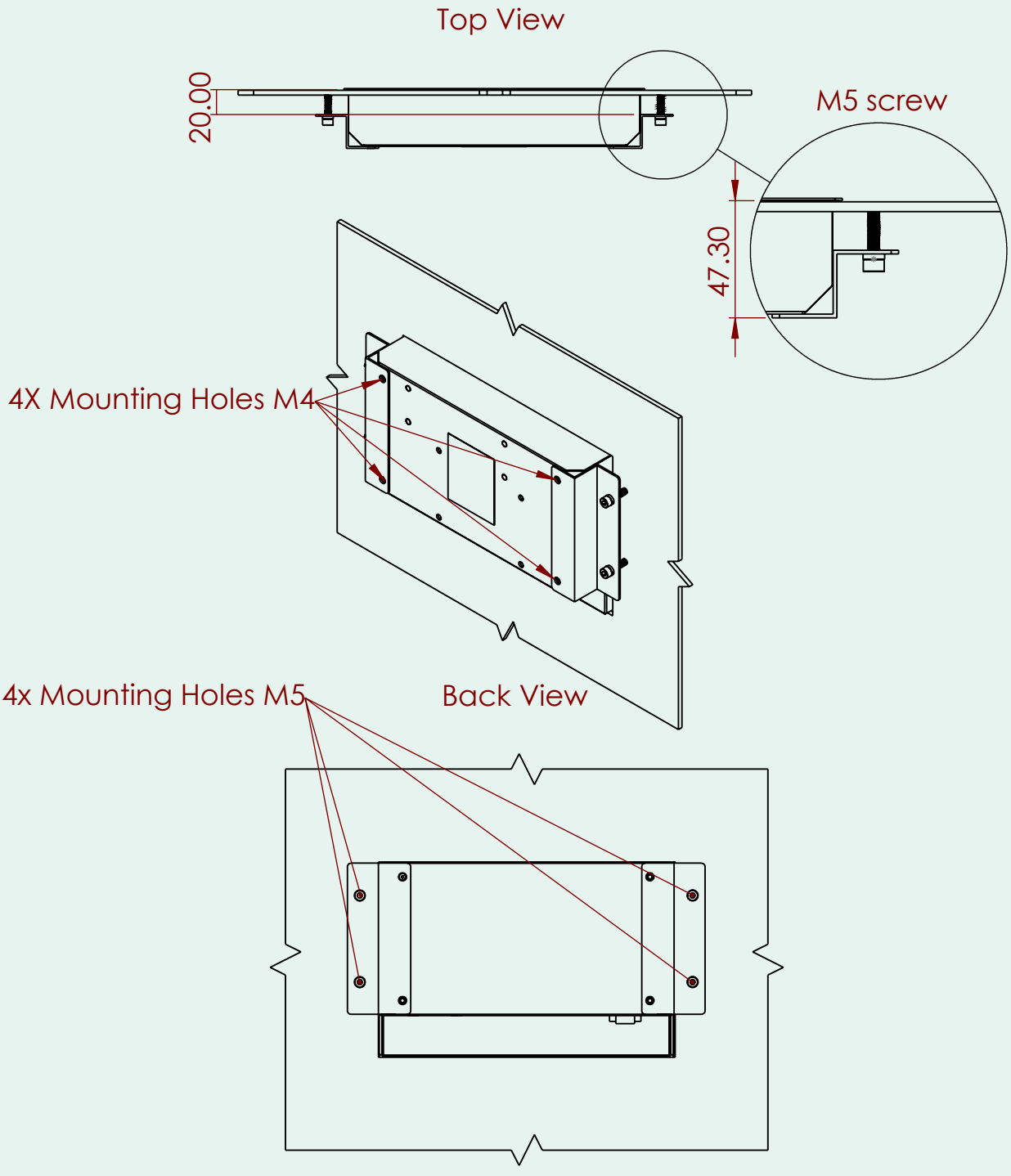

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