

DATA SHEET



DATA DISPLAY GROUP



Model: 46" Brilan 3D IQ
Order no.: 091017 + 091075



picture includes options

Display

Size:	46"
Type:	Samsung TFT LCD
Resolution:	1920 x 1080 pixel Full HD
Resolution perceived by 3D filter:	1024 x 576 pixel
Display Colors:	16,7M (true color)
Brightness (typ.):	700 cd
	Due to the 3D barrier filter, the resulting average brightness of the panel is reduced while visible pixel show original panel brightness.
Contrast Ratio (typ.):	4000:1
Response Time (typ.):	8ms Tg
Viewing Angle (typ.):	178 deg. horizontal, 178 deg. vertical
Viewing distance:	3,5 - 5 m (12-17feet) for maximal 3D effects
Display Area:	1018.08 (H) x 572.67 (V)mm
Number of Backlights:	16 CCFTs
Norm:	ISO 13406/2 (pixelclass 2)
Operating Lifetime (typ.):	50.000 hrs., it is defined as the time to take until the brightness reduces to 50% of ist original value

Features

Typ:	3D display module
3D Technology:	Barrier filter for 3D without glasses
OSD Menu:	allows selection of various functional parameters like brightness, contrast etc.

System

CPU

Processor:	AMD® AM2 /AM3 Athlon series
Socket:	940 AM+
System Bus:	533MHz /800MHz

System Memory

Size:	4GB PC2-6400 (DDR2 800)
Sockets:	Two 240-pin DDR2 SDRAM DIMM

Graphic Features

Graphic Chip:	NVIDIA GeForce® GT240
Graphic Memory:	1024MB

Onboard Audio Features

Audio Chip:	Realtek ALC662 HD audio codec
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Onboard LAN Features

LAN Chips:	Two Realtek RTL8111DL Gigabit controllers
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HDD

Size:	250 GB HDD 3,5"
Bus:	SATA 2

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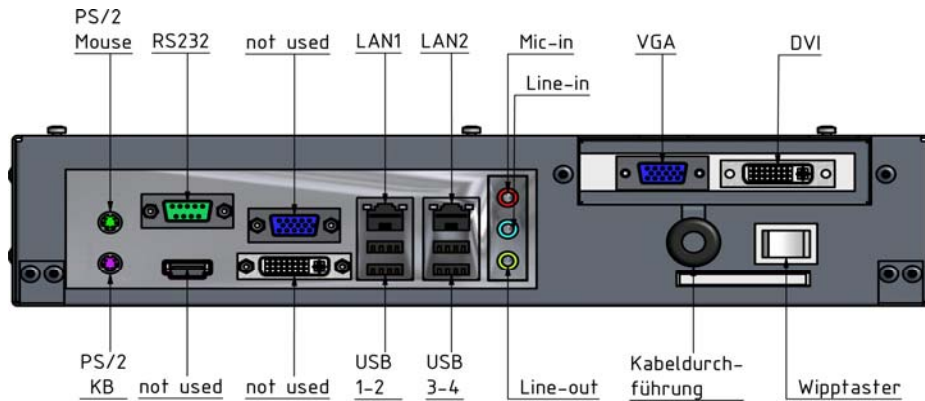
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OPEN Mon Connector

LVDS:	24 Bit
DC Power:	24V/4A
Maintenance:	Serial Connector to Display Diagnostic Board (optional)

Connections



USB:	4 USB 2.0/1.1 ports
Serial:	1 DB-9 serial port
VGA:	1 DB-15 VGA port , for internal display
DVI:	1 DVI-I port , for additional display
PS/2:	1 mini-DIN-6 PS/2 mouse port 1 mini-DIN-6 PS/2 keyboard port
Audio:	3 audio jacks: speaker-out, line-in and mic-in
LAN:	2 RJ45 LAN ports

Position of connections

Landscape mode:	on the right side of the display
Portrait mode:	on the bottom of the display

Power

Input AC Voltage:	100~240V, 50-60Hz
Brightness 50%	100W
Brightness 75%	230W
Brightness 100%	330W
Standby:	2W

Environmental Conditions

Temperature (in operation):	10°C ~ 40°C (10°C ~ 35°C protection glass) surroundings temperature has influence on the maximum brightness
Humidity (in operation):	10 ~ 80% (non-condensing)

Housing

Construction:	Steel construction dark gray powder coated, RAL 7016
Size:	1053,4 x 606,6 x 165,4 mm (H x V x D)
Weight:	45,7 kg
Safety:	FCC class B, CE
Front Bezel Mounting:	left/right 4x M4 thread hole and up/down 2x M4 thread hole
Wall Mounting:	4x M8 Nut VESA Norm MIS-F, 600,400,8

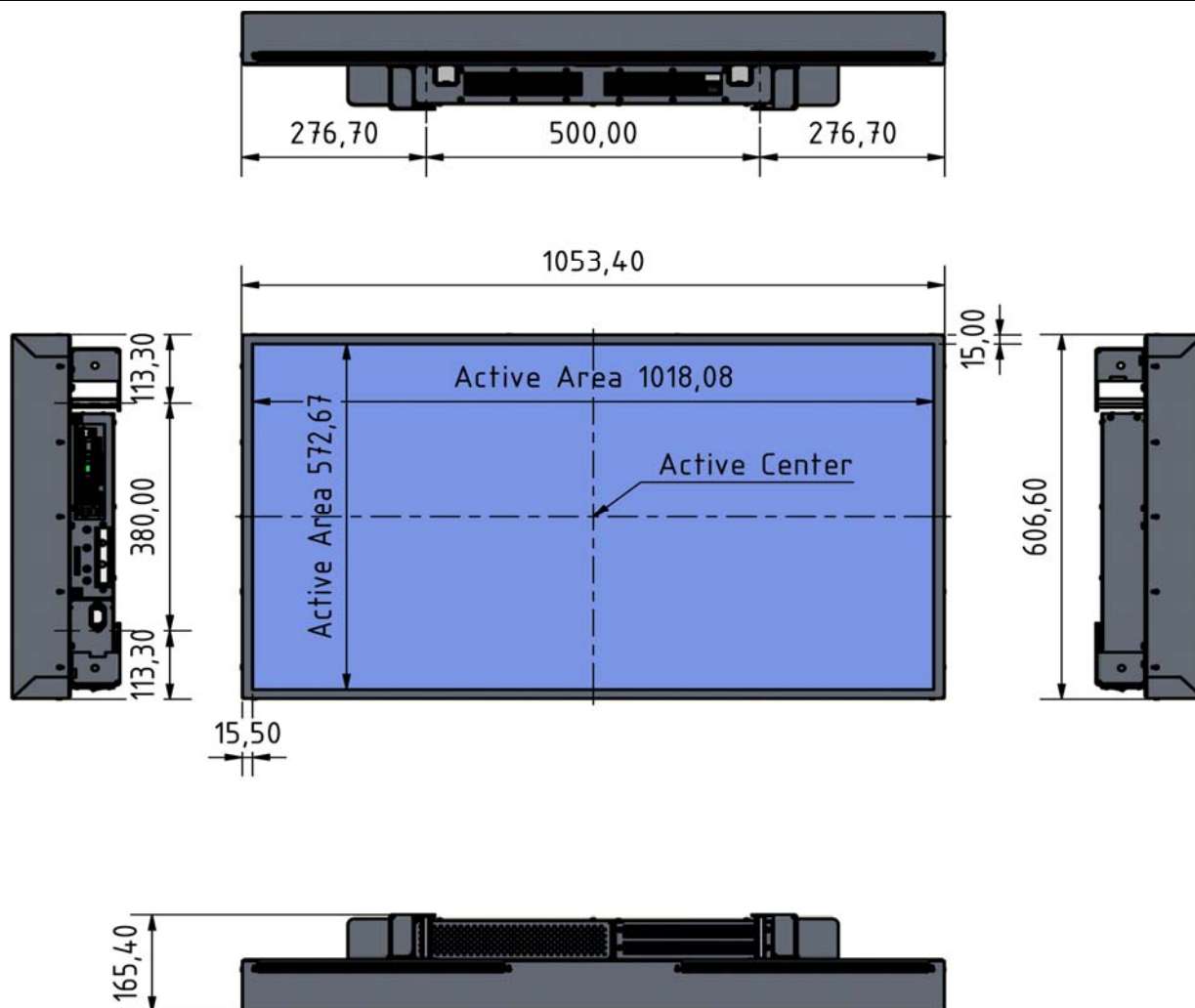
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in co-operation with
3D Impact Media
Technology & Content

Drawing



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