

DATASHEET



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A FORTEC GROUP MEMBER

POS-LINE 42

SIMPLY INTEGRATE  
VISUALISE YOUR CONTENT

# Panel and housing

## POS-Line 42.0"

Panel Diagonal	[mm] / [Inch]	1066.8/ 42.0"
Type		Open -frame monitor (various bezels, true-flat glass and touch solutions are available under options)
Resolution	[Pixel]	1920 x 1080 FHD
Luminance (center)	[cd/m <sup>2</sup> ]	700
Viewing angle	[°]	178 h / 178 v
Backlight		LED
Active area (H/V)	[mm]	930.24 x 523.26
Number of colors	[M]	1073.7 (PME, PIII, VP) 16.7 (IQ Atom, IQ Core-i)
Contrast ratio		4000:1
Response time (on/off)	[ms]	8
Pixel class		ISO 9241-307 (pixel error class II)
Life time back light	[h]	50.000
Continuous operating time	[h] / [d]	24/ 7
Mounting	[mm]	VESA MIS-F 400 x 400 (M6)
Storage temperature	[°C] / [°F]	-20 ~ 60 / -4 ~ 140
Operating temperature	[°C] / [°F]	0 ~ 40/ 32 ~ 104
Storage humidity	[%]	10 ~ 90 (non condensing)
Operating humidity	[%]	10 ~ 90 (non condensing)
Panel orientation		Landscape and Portrait
Location of connectors		Landscape: bottom Portrait: left (front view)
Location of OSD buttons		Landscape: bottom Portrait: left (front view)
Housing		Powdered steel sheet DC01, black RAL 9005
Power supply	[V]	AC 100 - 240
Conformity		CE, FCC Class A, EU-RoHS
Packaging		Single packaging for Euro pallet (max. 3 packages p.p.)
Package Contents		Safety instructions, driver DVD, power cable



Open frame monitor

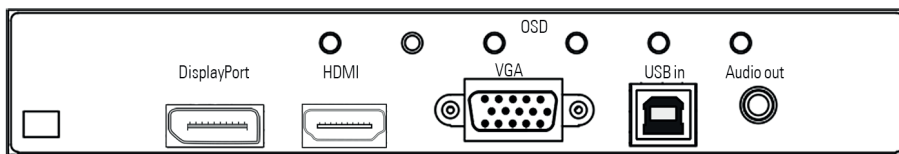




# VGA, HDMI, DisplayPort

## POS-Line 42.0" Video PME

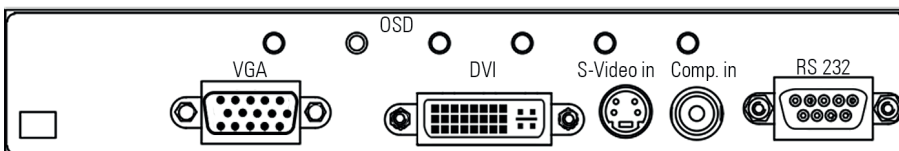
Order number		DS-91-478
Interfaces		1 x VGA, 1 x HDMI, 1 x DisplayPort, 1 x Audio Line-Out, 1 x USB-Remote, 1 x OSD 4 button
Power consumption (typ.)	[Watt]	97
Weight	[kg/ lb]	20.0/ 44.09
Dimensions (W x H x D)	[mm/ inch]	991 x 583 x 109 39.01 x 22.95 x 4.29



# VGA, DVI, S-Video, CVBS

## POS-Line 42.0" Video PIIIA

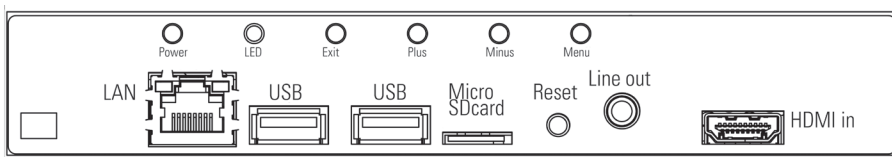
Order number		DS-91-479
Interfaces		1 x VGA, 1 x DVI (HDMI via DVI), 1 x S-Video; 1 x Composite Video; 1 x RS232; 1 x OSD 4 button
Power consumption (typ.)	[Watt]	97
Weight	[kg/ lb]	20.0/ 44.09
Dimensions (W x H x D)	[mm/ inch]	991 x 583 x 109 39.01 x 22.95 x 4.29



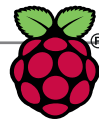
# Network Mediaplayer

## POS-Line 42.0" VideoPoster

Order number		DS-91-481
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot
Power consumption (typ.)	[Watt]	86
Weight	[kg/ lb]	20.0/ 44.09
Dimensions (W x H x D)	[mm/ inch]	991 x 583 x 109 39.01 x 22.95 x 4.29

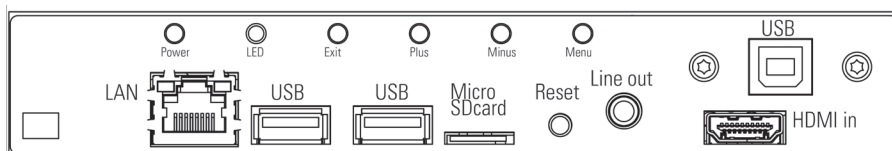


# Raspberry® IoT controller



## POS-Line 42.0" IoT

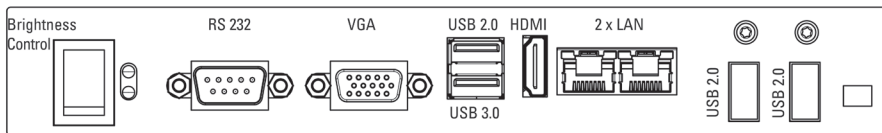
Order number		DS-91-982
Order number OS		DS-60-859
Interfaces		1 x LAN, 2 x USB, 1 x HDMI, 1 x Line out, 1 x MicroSD card slot
Power consumption (typ.)	[Watt]	86
Weight	[kg/ lb]	20.0/ 44.09
Dimensions (W x H x D)	[mm/ inch]	991 x 583 x 109 39.01 x 22.95 x 4.29



# PC Intel® Atom

## POS-Line 42.0" IQ Atom

Order number		DS-91-932
Interfaces		2 x LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232
PC		CPU: Intel® Atom E3845 (1.9 GHz), Graphic: Intel® Valleyview SoC integrated Graphics RAM: 4 GB DDR3L, Storage: min. 120 GB mSATA
Fan		No
Power consumption	[Watt]	101
Weight	[kg/ lb]	22.3/ 49.16
Dimensions (W x H x D)	[mm/ inch]	991 x 583 x 109 39.01 x 22.95 x 4.29

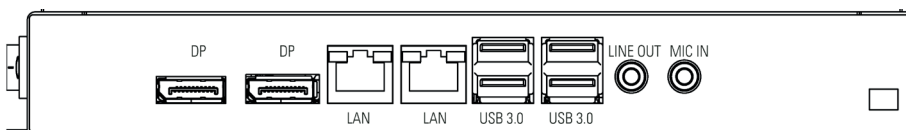


# PC Intel® Core™-i5



## POS-Line 42.0" IQ Core-i

Order number		DS-92-023
Features		Resolution 4K external via DisplayPort supported
Interfaces		2 x DP, 2x LAN, 4x USB 3.0, 1 x Audio, 1 x MIC in
PC		CPU: Intel® Core™-i5-7300 U (2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: 120 GB M.2Sata
Fan		No
Power consumption	[Watt]	120
Weight	[kg/ lb]	22.5/ 49.60
Dimensions (W x H x D)	[mm/ inch]	991 x 583 x 109 39.01 x 22.95 x 4.29



## Bezels

Order number		DS-91-494	DS-91-613
Name		Front bezel	Aluminium bezel
Finish		Steel, powdered, black RAL 9005	Aluminum, brushed, silver RAL 9006
Can be combined with		Safety glass	
Weight	[kg/ lb]	1.50/ 3.30	4.10/ 9.04
Dimensions of monitor with option (W x H x D)	[mm/ inch]	994 x 587 x 111 39.13 x 23.11 x 4.37	1019 x 612 x 122 40.12 x 24.09 x 4.80

Order number		DS-91-561	DS-91-917
Name		TrueFlat bezel with glass	TrueFlat bezel with touch
Finish		Sheet steel, RAL 9006 glare (aluminium white), safety glass TSG 4 mm, anti-glare, printed black passepartout (RAL 9005)	Sheet steel, RAL 9006 glare (aluminium white), safety glass TSG 4 mm, anti-glare, printed black passepartout (RAL 9005) with PCAP touch, 10 touch points (next page)
Can be combined with		—	
Weight	[kg/ lb]	12.0/ 26.45	
Dimensions of monitor with option (W x H x D)	[mm/ inch]	1021 x 614 x 116 40.20 x 24.17 x 4.57	

## Glass\*

Order number		DS-91-502	DS-91-499
Name		Safety glass	TrueFlat glass
Glass		Safety glass TSG, 4 mm anti glare	Safety glass TSG, 4 mm anti glare, printed black passepartout (RAL 9005)
Can be combined with		Front bezel, Aluminium bezel	—
Weight	[kg/ lb]	5.3/ 11.68	7.5/ 16.53
Dimensions of monitor with option (W x H x D)	[mm/ inch]	991 x 583 x 114 39.01 x 22.95 x 4.49	1013 x 606 x 115 39.88 x 23.86 x 4.53

\*Cover glass and touches will reduce monitor brightness.

## Options



**Front bezel** is a metal bezel for the open frame chassis and VESA mount.



**Aluminum bezel** is a special design bezel for the open frame chassis.



**TrueFlat bezel** is a metal bezel with round corners, safety glass and passepartout for the open frame chassis.

**Safety glass** is an accessory for the open frame chassis. It covers and protects the TFT-panel.



**TrueFlat glass** is a safety glass with round corners and passepartout for the open frame chassis.

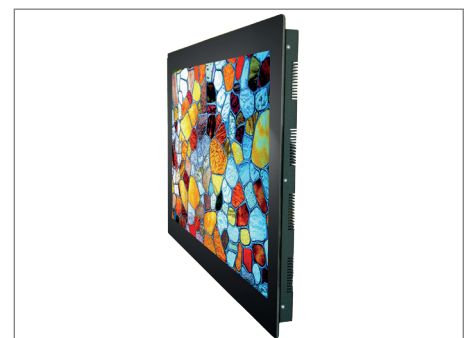
## Touches\*

Order number		DS-91-917	DS-91-918
Name		TrueFlat bezel PCAP touch	TrueFlat glass PCAP touch
Bezel/ Glass		Sheet steel RAL 9006, safety glass TSG, 4 mm anti-glare, printed black passepartout RAL 9005	Safety glass TSG, 4 mm anti glare, printed black passepartout (RAL 9005)
Touch points		10	
Touch technology		Projected capacitive	
Can be combined with		—	
Available for controller		Video PME, Video PIII, IoT, IQ Atom, IQ Core-i	
Weight	[kg/ lb]	12.0/ 26.45	7.5/ 16.53
Dimensions of monitor with option (W x H x D)	[mm/ inch]	1021 x 614 x 116 40.20 x 24.17 x 4.57	1013 x 606 x 115 39.88 x 23.86 x 4.53

\*Cover glass and touches will reduce monitor brightness.



TrueFlat bezel monitor with PCAP touch sensor



TrueFlat PCAP touch is a TrueFlat glass with a laminated PCAP touch at the backside.

## Electronic

Order number	DS-91-622
Name	Soundbar external
Description	Active speaker kit on the bottom
Details	2 x 1.25 Watt, 5V, USB digital audio input, power via USB
Can be combined with	with all front options except TrueFlat bezel
Available for controller	IQ Atom, IQ Core-i, VideoPoster

## Accessories

Product	Order no.	Product description
Remote control	DS-91-621	OSD remote controll for all displays of the Video PME and Video PIII Series
Ambient Light Sensor	DS-91-963	ALS for all displays of the Video PME, Video PIII and Video-Poster, can be combined with front bezel and safety glass
SSD Extension Atom	DS-91-997	Extension for SSD MSATA up to 240 GB for IQ Atom
RAM Extension Atom	DS-91-975	Extension for RMA up to 8 GB for IQ Atom
SSD Extension Core-i	DS-92-027	Extension for SSD M.2 up to 240 GB for IQ Core-i5
RAM Extension Core-i	DS-92-028	Extension for RMA up to 16 GB for IQ Core-i5

## External PC

Order number	DS-92-033
Name	PC Box extern IQ Core-i5 DFI KU173
Description	PC Module for external mounting
Interfaces	2 x DP, 2x LAN, 4x USB 3.0, 1 x Audio, 1 x MIC in
PC	CPU: Intel® Core™-i5- 7300 U(2.6 GHz), Intel® HD Graphics GT series, RAM: 8GB DDR 4 Storage: 120 GB M.2Sata
Available for controller	Video PME, PIIIA
Fan	No
Weight [kg/ lb]	2.6/ 5.73
Dimensions [mm/ inch]	240 x 257 x 48.5/ 9.45 x 10.24 x 1.97
Power supply	<b>DS-91-945</b> for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W

## Accessories



Optional removable PC box with Intel Core-i5 CPU. The PC box can be removed without taking the display down from the wall.

Order number	DS-91-930
Name	PC-Box IQ Atom
Description	PC Module for external mounting
Interfaces	2 x LAN, 1 x USB 3.0, 3 x USB 2.0, 1 x HDMI, 1 x VGA, 1 x RS232
PC	CPU: Intel® Atom E3845 (1.9 GHz), Graphic: Intel® Valleyview SoC integrated Graphics RAM: 8 GB DDR3L, Storage: min. 120 GB mSATA
Available for controller	Video PME, PIIIA
Fan	No
Weight [kg/ lb]	1.7/ 3.75
Dimensions [mm/ inch]	240 x 260 x 50/ 9.45 x 10.24 x 1.97
Power supply	<b>DS-91-945</b> for operate the PC box as stand alone device without display for maintenance, 12V/ 60 W



Optional removable PC box with Intel Atom CPU. The PC box can be removed without taking the display down from the wall.



## Mounts and Covers

Product	Order no.	Product description
Wall mount	DS-91-540	Inclinable wall mount for all displays from 31.5" up to 54.6"
Protective cover	DS-91-604	Installed on top of the display, dust shield prevents liquid or falling dust from penetrating the electronic part of the monitor via the upper air vents
Cable cover for connectors	DS-91-723	Cover for the cable connectors to prevent unauthorized persons from removing or plugging cables. For all POS-Line displays of the PME and PIII Series from 31.5" up to 54.6"
Cable cover for connectors	DS-91-578	Cover for the cable connectors to prevent unauthorized persons from removing or plugging cables. For all POS-Line displays of the IQ Series from 31.5" up to 54.6". Also suited for optional PC boxes DS-91-426, DS-91-427 and DS-91-930.
Cable cover for connectors	DS-91-922	Cable cover. Only available in combination with covers DS-91-723 and DS-91-578.
Display Port cable	KA-40-105	Cable Display Port 1.2 4k male/male 2m

## Accessories

## Operating systems, Software

Product	Order no.	Product description
Windows 7 embedded 32 bit DE	DS-60-645	Operation system only for Atom
Windows 7 embedded 32 bit EN	DS-60-650	Operation system only for Atom
Windows 7 FES 64 bit DE	DS-60-725	Operation system only for Atom
Windows 7 FES 64 bit EN	DS-60-781	Operation system only for Atom
Windows 10 Pro. 64 bit DE	DS-60-811	Operation system
Windows 10 Pro. 64 bit EN	DS-60-810	Operation system
Windows 10 IOT ATOM DE/ EN	DS-60-864	Operation system
Windows 10 IOT CORE-I DE/ EN	DS-60-865	Operation system
WEBPOSTER	DS-60-787	WEBPOSTER embedded Linux

Various accessories are available for POS-Line monitors.

All monitors can be customized according to your specific requirements.

Please contact our sales team if you are interested in product modifications or custom designs.

## POS-Line TrueFlat design with glass or touch



with wall mount



with wall mount



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All figures are typical values. The real values of the panel may vary. The optical characteristics are determined after the panel has been „ON“ for approximately 30 minutes at an ambient temperature of 25° C (77° F).

Life time of the backlight is defined as the time to take until the brightness reduces to 50% of its original value.

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