

# FLATMAN-XXL ECO Panel PC

Panel PC with Intel® Atom Platform

in full metal housing as „stand alone“ with or without Touch

Robust industrial LCD Full Metal PanelPC for reliable industrial application - fanless - designed for continuous operation 24/7 . Access to the PC components can be carried out without disassembling the entire unit .

## Technical Information:

Display size	32"	42"	55"	65"	65"
Display manufacturer	LG	AUO	AUO	AUO	AUO
Display type	LD320EUN-SEM1	P420HVN03.1	P550HVN02.2	P650HVN03.0	P650HVN04.0
Resolution	1920x1080, Full HD	1920x1080, Full HD	1920x1080, Full HD	1920x1080, Full HD	1920x1080, Full HD
Format	16:9	16:9	16:9	16:9	16:9
Contrast ratio	1300:1	4000:1	4000:1	4000:1	4000:1
Brightness	400cd/m <sup>2</sup>	700cd/m <sup>2</sup>	500cd/m <sup>2</sup>	500cd/m <sup>2</sup>	700cd/m <sup>2</sup>
Angle View	178°/178°	178°/178°	178°/178°	178°/178°	178°/178°
Colors	16.7million	16.7million	16.7million	16.7million	16.7million
LED Lifetime (> 50%, 25°C)	50.000h	50.000h	50.000h	50.000h	50.000h
Dimensions (WxHxD, mm)	780x475x96.5	1050x640x132	1302x787x145	1547x931x181.5	1547x931x181.5
Weight	~ 20kg	~ 40kg	~ 60kg	~ 75kg	~ 75kg
Touch Options	Protection glass / IR-touch <sup>(1)</sup>				
Mounting Option	full metal housing				
Fastening	VESA 200/200 or 200/up to 600		VESA 200/400	VESA 200-600/200-1000	
Color	RAL 7021 (black anthracite)				

<sup>(1)</sup> The infrared touch ( IR touch screen ) works similarly to a " light barrier " . This is just above the display surface . It is the only touch screen , where no direct contact with the display is necessary . Benefit: The IR Touch is backed by a reflective safety glass whereas by this the performance of the touch screen is not reduced . Thus, it is virtually vandal proof . The IR touch screen can be operated with fingers , gloves and all other items. It is very robust and works well in an extended temperature range , as well as under vibration and shock.

CPU	Intel® BayTrail Celeron Quad Core J1900
Memory	4GB DDR3 SO-DIMM
BIOS	AMI uEFI BIOS
I/O Standard <sup>(2)</sup>	2xGbE (1x Intel® I210, 1x Realtek RTL8111G), 1x HDMI, 1x VGA, 1x USB3.0, 2x USB2.0
Power Supply <sup>(2)</sup>	Input 90 ~ 264VAC, 47 ~ 63Hz
Cooling	Fanless passive cooling
Operating Temperature	0°C - 45°C ambient
Humidity	10%-90% @ 39°C, non condensing
OS Support	Windows7 incl Embedded, Windows8.1 incl Embedded, Linux
Certification	CE
Protection class	IP54
EMC	EN55022 class A
Options <i>(Further options on request)</i>	8GB RAM CF/SD Card Adapter SD Card Memory 4GB, 16GB, 32GB, 64GB CF Card Memory on demand mSATA SSD 32GB, 64GB, 128GB 2x COM (RS232, RS422, RS485) Audio with amplifier (2x 3W) WiFi (on demand)

<sup>(2)</sup> The connections for power and interfaces are brought to the outside of device with a lead-through (IP65) and max. cable length of 2,5m.

Max. 6 cables are available. One for Power cable, therefore limited number of 5 cables for the interface configuration)

(cable length up to 4,5m on demand)



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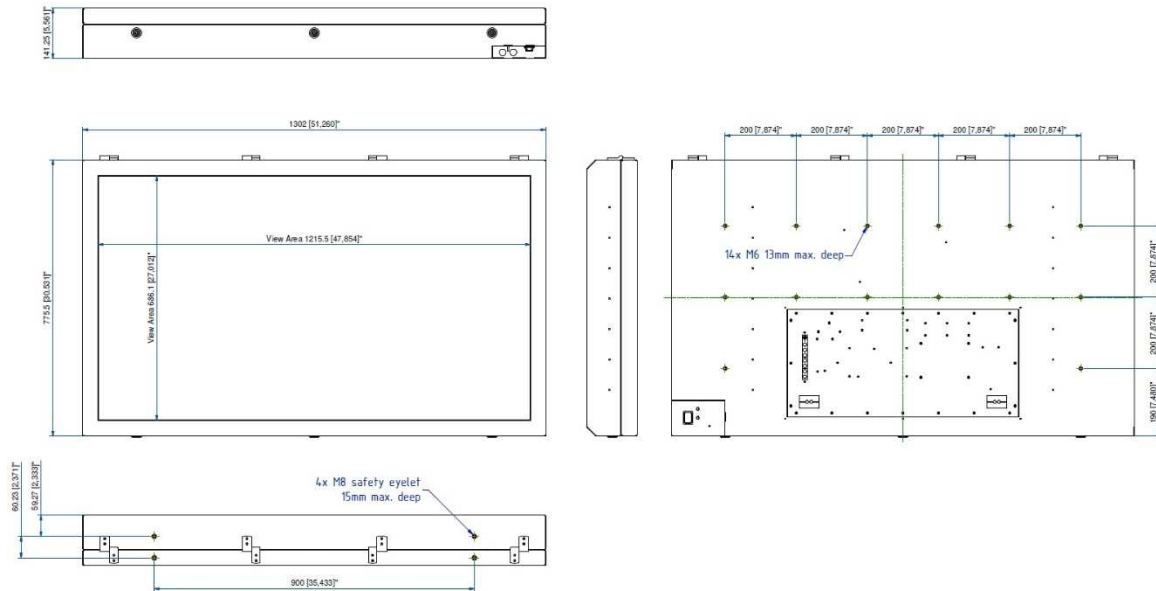
*Cable lead-through for power and interface cable*



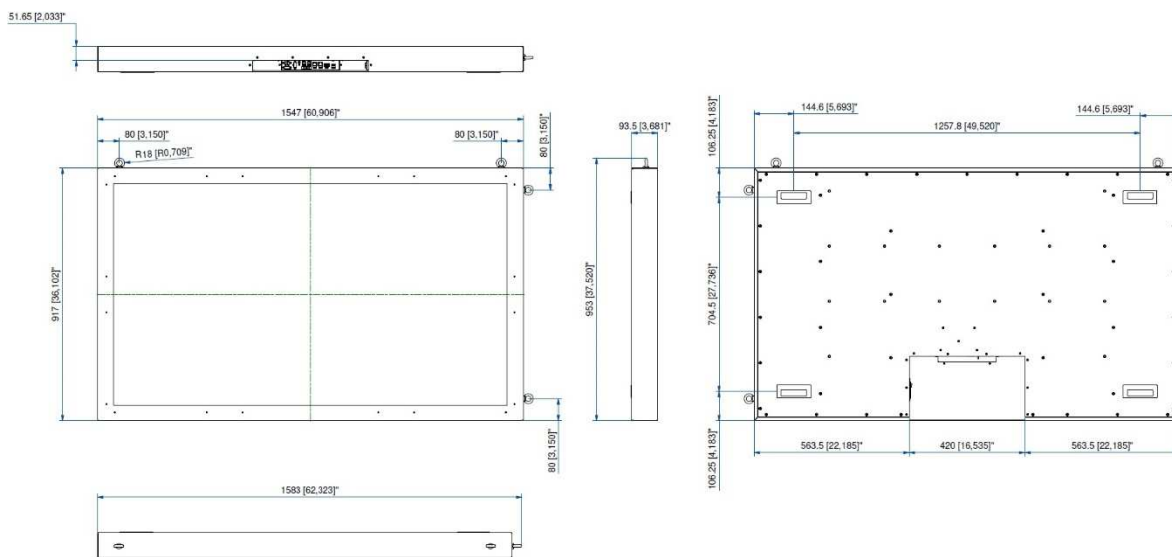
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## 55" full metal



## 65" full metal



## Order Information

32"	F6320LBT0xxxx <sup>(3)</sup>
42"	F6420AUT0xxxx <sup>(3)</sup>
55"	F6550AUT0xxxx <sup>(3)</sup>
65"	F6650AUT0xxxx <sup>(3)</sup>

<sup>(3)</sup>: xxxx is an internal configuration code for any options (Panel PC, Monitor, IR Touch, Protection glass,...)

Ask our sales department for details.