FLATMAN-XXL PRO Panel PC

Panel PC Intel® Haswell ULT i5-4300U 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^2	700cd/m^2	500cd/m^2	500cd/m^2	700cd/m^2
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 [1]				
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)				

[1] 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® Haswell ULT i5-4300U
Memory	4GB DDR3 SO-DIMM
BIOS	AMI uEFI BIOS
Hardware Monitor	Temperature, Voltages
Watchdog	Programmable WDT to generate System reset event
RTC	Processor integrated RTC
I/O Standard [2]	3x GbE (2x Intel® I210, 1x Intel® I218-LM), 2x Display Port, 4x USB3.0
Power Supply [2]	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, Windows XP (limited)
Certification	CE
Protection class	IP54
EMC	EN55022 class A
Options (Further options on request)	8GB RAM CF/SD Card Adapter SD Card Memory 4GB, 16GB, 32GB, 64GB mSATA SSD 32GB, 64GB, 128GB 2x COM (RS232, RS422, RS485) Audio with amplifier (2x 3W) CF Card Memory , WiFi (on demand)

[2] The connections for power and interfaces are brought to the outside of device with a lead-through (IP65) and max. cable lenght of 2,5m.
Max. 6 cables are available. One for Power cable, therefore limited number of 5 cables for the interface configuration)
 (cable lenght up to 4,5m on demand)

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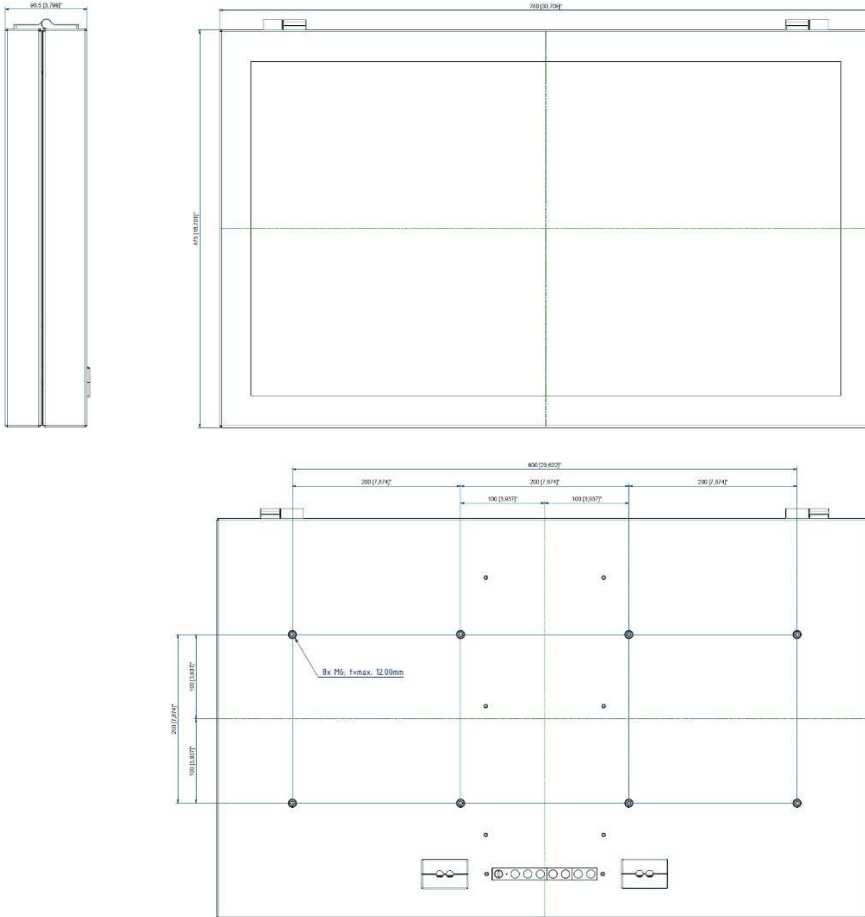*Cable lead-through for power and interface cable*

V1.2

Dimension Drawings
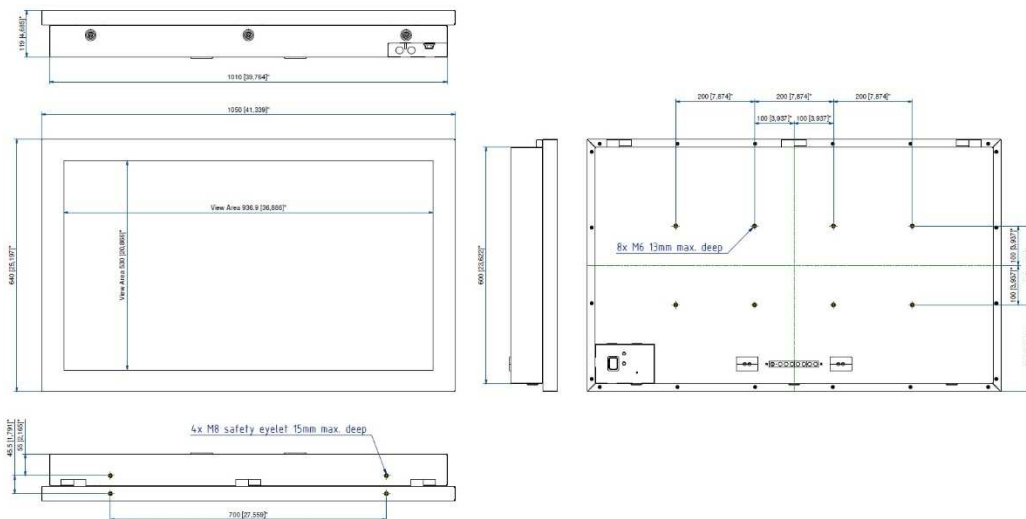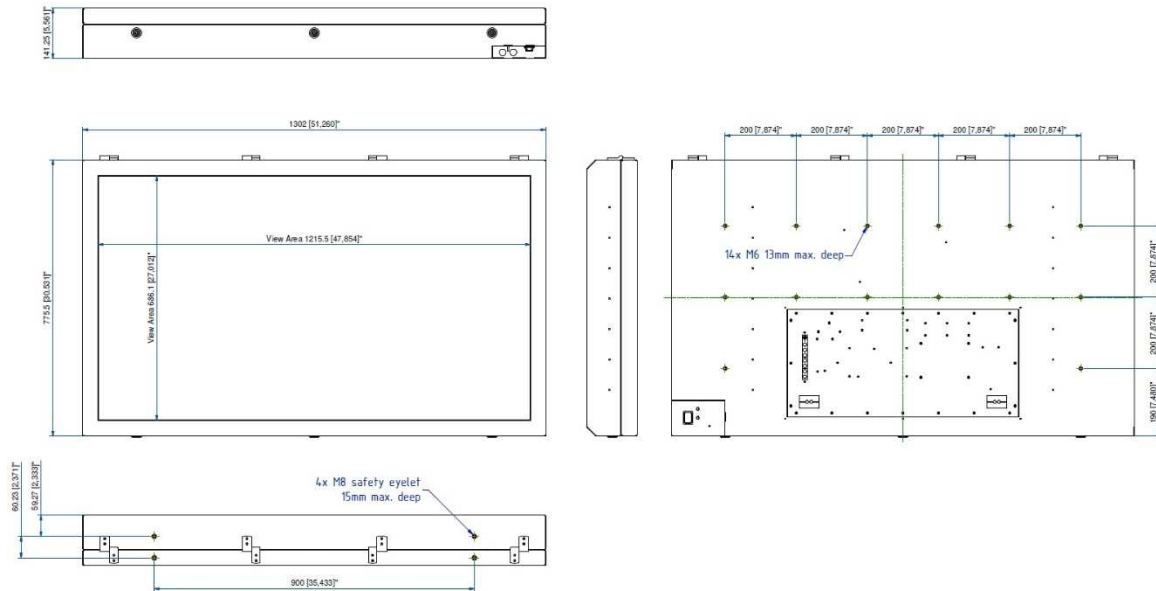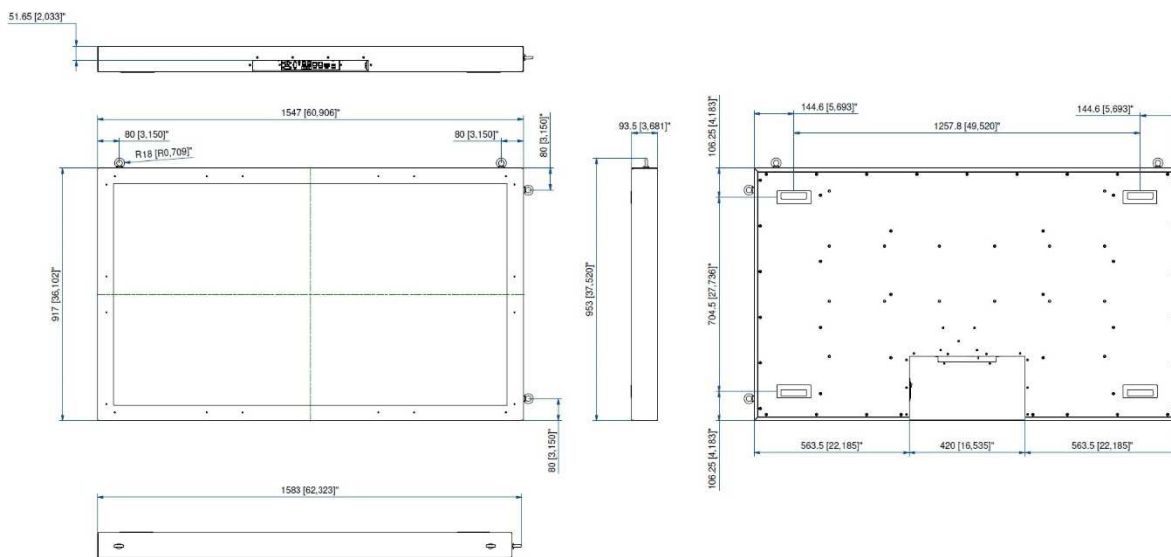
32" full metal

42" full metal

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V1.2

55" full metal

65" full metal

Order Information

32"	F6320LBT0xxxx (3)
42"	F6420AUT0xxxx (3)
55"	F6550AUT0xxxx (3)
65"	F6650AUT0xxxx (3)

(3): *xxxx is an internal configuration code for any options (Panel PC, Monitor, IR Touch, Protection glass,…)*

Ask our sales department for details.

V1.2