



Stainless Steel Panel IPC

Extreme durability. High endurance.

ESA Automation XS7 industrial PC family is also available with bezel in Stainless Steel.

The XS7 INOX V2A stainless steel products conform to FDA 21 / EN1672-2 a meeting Food Processing, Pharma and Chemical industry safety and hygiene requirements.

ESA Automation's XS7 industrial PCs are designed, built and tested to ATEX (Zone 2/22, category 3 G/D) and EN60068-2-6/27/30 enabling these robust units to safely withstand vibration, shock and humidity expected in these severe environments.



Outward inclined INOX surface to prevent bacterial or microbial loads from depositing.

True-flat touch screen offers hygienic prevention and easy cleaning.

These are XS7 stainless steel Panel IPC main features:

- Wide choice of LCD size and touch screens from 7" wide up to 19"
- High configuration flexibility with HDD, SSD, mSATA/CFast, PCI/PCIe slot, CPU and RAM
- Elegant and precise industrial design, available with aluminum or INOX stainless steel finishing for the front bezel
- True-flat touch screen front bezel
- Removable HDD/SSD
- RAID function

XS7 Panel Dynamic iCore Stainless Steel

Features	XS712	XS715	XS717
Display Size	12,1" SVGA - 12,1" XGA	15"	17"
True-flat Touch screen	No LED/USB frontal		
Display Technology	TFT		
Display Colors	16,7 M		
Display Backlight	LED		
Life (min. at 25 °C)	50k		
Display Resolution (pixel)	800x600 (SVGA) - 1024x768 (XGA)	1024 x 768	1280 x 1024
Touch screen Type	Analog resistive (5 wires)		
CPU	Intel® Celeron B810 1.6GHz, Intel® iCore i3-2330E 2.2 GHz, i5-2510E 2.5 GHz, i7-2710QE 2.1GHz		
Chipset	QM67PCH		
Graphics embedded	Intel HD Graphics - 3000		
DMI	DMI 5GT/S		
RAM	up to 16GB DDR3 SODIMM 204pin Dual Channel 1066/1333 MHz		
Hard disk/SSD (opt.)	min. 500 GB SATA 2,5" / SSD 16 GB		
Internal Compact Flash (opt.)	1 x		
External Compact Flash Slots (opt.)	1 x		
RS232 serial port	2 x		
RS485 serial port	1 x		
USB on rear (2.0)	4 x		
Green led on front	1 x		
PS/2 keyboard / mouse port	1 x		
PCI Slot 1 (opt.)	1 x		
PCI Slot 2 (opt.)	1 x		
PCIe slot 16x (opt.)	1 x		
Wi-Fi card (opt.)	PCIe		
Video port	1 x DVI-D + 1 x VGA		
Audio port	MIC IN + Line IN + Line OUT		
Ethernet ports RJ45	2 x Ethernet 10/100/1000 Mbit Intel 82579 - RTL 8111		
External (W x H x D) (mm)	336 x 256 x 81	425 x 300 x 85,5	446 x 346 x 84
Cut-out (W x H) (mm)	321 x 240	393 x 275	477 x 355
Back-up with battery	1 x		
Power supply (Vdc)	18...30 max 75 W	18...30 max 85 W	18...30 max 95 W
Power consumption (W) (24 Vcc basic config - NO PCI CARDS)	48/58	55/65	67/77
Protection level	IP 66 on front		
Operating temperature (°C)	0...+50 (non condensing)		
Storage temperature (°C)	-20...+65		
Humidity	90% (non condensing)		
Weight (kg)	5	6,5	11
Certifications	Atex (Group II - cat.3 G D) / Environment EN 60068-2-6/27/30 / Immunity EN 61000-6-2 / Emissions 61000-6-4		
Optional kits			
RAID 2xHDD function	Yes		
Removable HDD/SSD	Yes		
DVD-RW Sata	External (opt.)		
Operating system	WIN7 - WES7 - XP Pro for Embedded		

XS7 Panel PC Fanless Atom Stainless Steel

Features	XS7W7	XS7I2	XS7I5	XS7I9
Display Size	7" Wide	12,1" SVGA - 12,1" XGA	15"	19"
True-flat Touch screen	No LED/USB frontal			
Display Technology	TFT			
Display Colors	16,7 M			
Display Backlight	LED			
Lamp life (min. at 25 °C)	50k			
Display Resolution (pixel)	800x600	800x600 (SVGA) 1024x768 (XGA)	1024 x 768	1280 x 1024
Touch screen Type	Analog resistive (4 wires)	Analog resistive (5 wires)		
CPU Fanless	Intel® ATOM 1,6Ghz N270	Intel® ATOM Dual Core 1,86 GHz N2800		
Chipset	945GSE + ICH7M	NM10		
Graphics	Intel® GMA 950	Intel® GMA 3650		
FSB	533 MHz	DMI 2,5 GT/s		
RAM	up to 2GB DDR2 SODIMM 200pin	Up to 4GB DDR3 SODIMM 204 pin		
Hard disk / SSD (opt.)	min. 500 GB SATA 2,5" / SSD 16 GB			
Compact Flash Slots Internal (opt.)	1 x			
Compact Flash Slots External (opt.)	1 x			
RS232 serial port	1 x	2 x		
RS485 serial port	1 x		1 x	
USB on rear (2.0)	2 x	4 x		
Green led on front	1 x			
PCI Slot 1 (opt.)	-	1 x		
PCI Slot 2 (opt.)	-	1 x		
Mini PCIe slot	internal 1 x	-		
PCIe slot x1 (opt.)	-	1 x		
Wi-Fi card (opt.)	Wi-Fi minipci / USB	PCI / USB / PCIe 1x		
Video port	1 x VGA	1xVGA + 1x DVI-I (single-link digital signal only)		
Audio port	-	Line-in + Line-out + Mic-in		
Ethernet ports RJ45	2 x Ethernet 10/100/1000 Mbit Intel 82574			
External (WxHxD) (mm)	228 x 155 x 80	336 x 256 x 81	425 x 300 x 85,5	508 x 384 x 92,5
Cut-out (WxH) (mm)	219 x 145	321 x 240	393 x 275	477 x 355
Back-up with battery	1 x			
Power supply (Vdc)	18...30 max 50 W	18...30 max 75W	18...30 max 85 W	18...30 max 95 W
Power consumption (W) (24 Vdc basic config - NO PCI CARDS)	30	36	43	55
Protection level	IP 66 on front			
Operating temperature (°C)	0...+50 (non condensing)			
Storage temperature (°C)	-20...+65			
Humidity	90% (non condensing)			
Weight (kg)	- 2,5	- 5	- 6,5	- 11
Certifications	CE, Atex (Group II - cat.3 G D) / Environment EN 60068-2-6/27/30 / Immunity EN 61000-6-2 / Emissions 61000-6-4			

Optional kits

RAID 2xHDD function	-	Yes		
Removable HDD/SSD	-	Yes		
DVD-RW Sata	-	External (opt.)	Internal (opt.)	
Operating system	WIN7 - WES7 - WES2009 - Win® XP Pro SP3 MUI - CE		WES2009 - Win® XP Pro SP3 MUI - WIN7 - WES7	

XS7 Panel PC Fanless Celeron Stainless Steel

Features	XS7I2	XS7I5	XS7I9
Display Size	12,1" SVGA - 12,1" XGA	15"	19"
True-flat Touch screen	No LED/USB frontal		
Display Technology	TFT		
Display Colors	16,7 M		
Display Backlight	LED		
Lamp life (min. at 25 °C)	50k		
Display Resolution (pixel)	800x600 (SVGA) - 1024x768 (XGA)	1024 x 768	1280 x 1024
Touch screen Type	Analog resistive (5 wires)		
CPU Fanless	Intel® Celeron Quad Core 2,00 GHz J1900		
Chipset	SoC		
Graphics embedded	Intel® HD Graphics		
RAM	Up to 8GB DDR3L 1333 MHz SODIMM 204 pin		
Hard disk / SSD / mSATA (opt.)	min. 500 GB SATA 2,5" / SSD 16 GB / mSATA 32 GB		
CFast Internal (opt.)	1 x		
CFast Slots External (opt.)	1 x		
RS232 serial port	2 x		
RS485 serial port	1 x		
USB on rear (2.0/3.0)	3 x + 1 x (3.0)		
PCI Slot 1 (opt.)	1 x		
PCI Slot 2 (opt.)	1 x		
PCIe slot x1 (opt.)	1 x		
Wi-Fi card (opt.)	PCI / USB / PCIe 1x		
Video port	1xVGA + 1x DVI-D (single-link digital signal only)		
Audio port	MIC IN + Line OUT		
Ethernet ports RJ45	2 x Ethernet 10/100/1000 Mbit Intel I210		
External (WxHxD) (mm)	336 x 256 x 81	425 x 300 x 85,5	508 x 384 x 92,5
Cut-out (WxH) (mm)	321 x 240	393 x 275	477 x 355
Back-up with battery	1 x		
Power supply	18...30 Vcc max 75W	18...30 Vcc max 85 W	18...30 Vcc max 95 W
Back-up with battery	1 x		
Power supply (Vdc)	18...30 max 75 W	18...30 max 85 W	18...30 max 95 W
Protection level	IP 66 on front		
Power consumption (W) (24 Vcc basic config - NO PCI CARDS)	36	43	55
Operating temperature (°C)	0...+50 (non condensing)		
Storage temperature (°C)	-20...+65		
Humidity	90% (non condensing)		
Weight (kg)	- 5	- 6,5	- 11
Certifications	CE, Atex (Group II - cat.3 G D) / Environment EN 60068-2-6/27/30 / Immunity EN 61000-6-2 / Emissions 61000-6-4		

Optional kits

RAID 2xHDD function	Option		
Removable HDD/SSD	Option		
DVD-RW Sata	External (opt.)	Internal	
Operating system	WIN7 - WES7 - WIN 8.1		