



Stainless Steel Panel IPC

Extreme durability. High endurance.

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

These are XS7 stainless steel Panel IPC main features:

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.

- 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



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

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

XS7 Panel Dynamic iCore Stainless Steel

Features

XS712

XS715

XS719

Display Size	12,1" SVGA - 12,1" XGA	15"	19"
Bezel in Stainless steel	6 mm of smooth and seamless inox frame with True-Flat Touch screen, No LED / USB on the front		
Display Technology	TFT		
Display Colors	16,7 M		
Display Backlight	LED		
Backlight life (hours)	50 K		
Display Resolution (pixel)	800x600 (SVGA) - 1024x768 (XGA)	1024 x 768	1280 x 1024
Touch screen Type	Analog resistive (5 wires)		
CPU Fan Intel® Core™ 2G	Intel® Celeron B810 1.6GHz, Intel® Core i3-2330E 2.2 GHz, i5-2510E 2.5 GHz, i7-2710QE 2.1GHz		
CPU Fan Intel® Core™ 6G	Intel® Celeron G3900TE 2,6GHz/ Intel® Core i3-6100TE 2,7GHz/ i5-6500TE 2,3GHz/ i7-6700TE 2,4 GHz		
Chipset	QM67PCH / Q170		
Graphics embedded	Intel HD Graphics - 3000 / HD Graphics 9G 510-530		
DMI	DMI2 5GT/s - DMI3 8GT/s (iCore 6G)		
RAM (Fan Intel® Core™) 2G	up to 16GB DDR3 SODIMM 204pin Dual Channel 1066/1333 MHz		
RAM (Fan Intel® Core™) 6G	up to 32GB DDR4 SODIMM 1866/2133MHz 260 pin		
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 (2.0/3.0)	4/0 (iCore 2G) - 0/4 (iCore 6G)		
Ethernet (iCore™) 2G	2x 1Gb RJ45	Intel 82579LM / Realtek RTL8111DL	
Ethernet (iCore™) 6G	2x 1Gb RJ45	Intel I210AT / I219LM	
PS/2 keyboard / mouse port	1 x (iCore 2G)		
PCI slot (opt.)	1x PCI / 2x PCI / PCIe x1 / PCIe x16		
mPCIe slot	2x (iCore 6G)		
Wi-Fi card (opt.)	PCIe		
Video port	1x DVI-D / VGA (iCore™ 2G) - 1x DVI-D / HDMI (iCore™ 6G)		
Audio port	MIC IN + Line IN + Line OUT (Fan iCore™ 2G)		
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	508 x 384 x 92,5
Cut-out (W x H) (mm)	320 x 240	393 x 275	477 x 355
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 69K on front	IP 66 on front	
Operating temperature (°C)	0...+50		
Storage temperature (°C)	-20...+65		
Humidity	90%		
Weight (kg)	-5	-6,5	-11
Certifications	CE / ATEX 2014/34/UE directive Group II Category 3 GD Zone 2/22 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 (32/64 bit according to CPU type)	WIN7 - WES7 - XP Pro for Embedded - WIN8.1 - WIN10 IoT Enterprise LTSP 2016

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Display Technology	TFT		
Display Colors	16,7 M		
Display Backlight	LED		
Backlight life (hours)	50 K		
Display Resolution (pixel)	800x600 (SVGA) 1024x768 (XGA)	1024 x 768	1280 x 1024
Touch screen Type	Analog resistive (5 wires)		
CPU (Atom) CPU (Celeron)	Intel® ATOM Dual Core 1,86 GHz N2800 Intel® Celeron Quad Core 2,00 GHz J1900		
Chipset(Atom) Chipset (Celeron)	NM10 SoC		
Graphic (Atom) Graphic (Celeron)	Intel® GMA 3650 Intel® HD Graphics		
DMI	DMI 2,5 GT/s / -		
RAM (Atom) RAM (Celeron)	Up to 4GB DDR3L 1066 MHz SODIMM 204 pin Up to 8GB DDR3L 1333 MHz SODIMM 204 pin		
Drives (internal) Atom	min. 500 GB SATA 2,5" / SSD 16 GB / CF2GB		
Drives (internal) Celeron	min. 500 GB SATA 2,5" / SSD 16 GB / Msata 32 GB / CFast min. 4GB (options)		
CF / CFast (external)	1x CF (Atom)/ 1x CFast (Celeron) (option)		
RS232 serial port	2 x		
RS485 serial port	1 x		
USB on rear (2.0/3.0)	4/0 (Atom) - 3/1 (Celeron)		
Ethernet ports RJ45	2 x 1Gb Intel 82574 (Atom) - 2 x 1Gb Intel I210 (Celeron)		
PCI / PCIe Slot (opt.)	PCI / 2xPCI / PCIe x1 / PCIe x16		
Mini PCIe slot	1 x		
Wi-Fi card (opt.)	PCI / mPCIe / PCIe1x		
VGA/DVI-D	1/1 dimmable LCD backlit (Atom)		
VGA/DVI-D	1/1		
Audio port	Line-in + Line-OUT + MIC-IN (Atom) - MIC-IN + Line-OUT (Celeron)		
External (WxHxD) (mm)	336 x 256 x 81	425 x 300 x 85,5	508 x 384 x 92,5
Cut-out (WxH) (mm)	320 x 240	393 x 275	477 x 355
Back-up with battery	1 x		
Power supply (Vdc)	18...30 max 75W	18...30 max 85 W	18...30 max 95 W
Power consumption (W) (24 Vdc basic config - NO PCI CARDS)	36	43	55
Protection level	IP 69K on front	IP 66 on front	
Operating temperature (°C)	0...+50		
Storage temperature (°C)	-20...+65		
Humidity	90%		
Weight (kg)	~ 5	~ 6,5	~ 11
Certifications	CE / ATEX 2014/34/UE directive Group II Category 3 G D Zone 2/22 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 (32/64 bit according to CPU type)		WES2009 - Win® XP Pro SP3 MUI - WIN7 - WES7 - WIN8.1 - WIN10