



## Panel IPC

Huge flexibility. Extreme durability

### XS7 Industrial Panel PC Dynamic iCore

	XS712	XS715	XS717	XS719
Display Size	12,1" SVGA - 12,1" XGA	15"	17"	19"
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 32 GB			
Internal CF/CFast (opt.)	1x			
External CF/CFast (opt.)	1x			
RS232 serial port	2x			
RS485 serial port	1x			
USB on front (2.0) IP66	1x			
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			
Green led on front	1x			
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)			



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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)			
External dimensions(W/H/D) (mm)	336 x 256 x 81	425 x 300 x 85,5	446 x 346 x 84	508 x 384 x 92,5
Cut-out dimensions (W/H) (mm)	320 x 240	393 x 275	426 x 326	477 x 355
Power Supply (Vdc)	18...30 max 75 W	18...30 max 85 W	18...30 max 95 W	
Power consumption (24 Vdc basic config - NO PCI CARDS) (W)	48/58	55/65	67/77	
Protection degree (front)	IP 66 on front			
Operating Temperature (°C)	0 ... +50			
Storage Temperature (°C)	-20...+65			
Humidity	90%			
Weight (kg)	~ 5	~ 6,5	~ 9	~ 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			
<b>Optional kits</b>				
Frontal INOX with True-flat Touch screen	12,1" / 15" / 19" - No LED/USB frontal			
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 LTSC 2016			



## XS7 Industrial Panel PC Fanless

	XS708	XS712	XS715	XS717	XS719
Display Size	8,4"	12,1" SVGA-XGA	15"	17"	19"
Display Technology	TFT				
Display Colors	16,7 M				
Display Backlight	LED				
Lamp life (min. at 25°C)	50 K				
Display Resolution (pixel)	800 x 600	800X600 (SVGA) 1024X768 (XGA)	1024 x 768	1280 x 1024	
Touch screen Type	Analog resistive (4 wires)	Analog resistive (5 wires)			
CPU Fanless	Celeron quad Core J1900 2,0 GHz (2,42GHz) - 10W Intel Core i3-4010U 1,7GHz / i7-4650U 1,7GHz (3,3GHz) - 15W	Intel® ATOM Dual Core 1,86 GHz N2800			
Chipset	SoC	NM10			
GPU embedded Celeron J1900	HD Graphics	Intel® GMA 3650			
GPU embedded iCore i3-4010U	HD Graphics 4400				
GPU embedded iCore i7-4650U	HD Graphics 5000				
DMI	-	DMI 2,5 GT/s			
RAM (Celeron Quad Core)	on board 4GB DDR3L 1066/1333MH z - dual channel -	Up to 4GB DDR3 SODIMM 204 pin			
RAM (Fanless Intel® Core™)	up to 8GB DDR3L				



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	SODIMM 1333/1600MH z 204 pin - single channel-				
Hard disk/SSD (opt.)	-	min. 500 GB SATA 2,5" / SSD 32 GB			
Compact Flash Slots Internal (opt.)	-	1 x			
CF / Cfast Slot External (opt.)	1 x Cfast	1 x CF			
RS232 serial port	1 x	2 x			
RS485 serial port		1 x			
USB on front (2.0) IP66		1 x			
USB on rear (2.0/3.0)	1 / 4	4/0			
Ethernet Celeron J1900	2x 1Gb RJ45 Intel I210	2x 1Gb Intel 82574			
Ethernet iCore™ i3/i7	2x 1Gb RJ45 Intel I210/I218				
Green led on front		1 x			
Slot (opt.)	-	1x PCI / 2x PCI			
Mini PCIe slot		1 x			
PCIe slot x1 (opt.)	-	1 x			
Wi-Fi card (opt.)	Wi-Fi Mini Pcle	PCI / Pcle 1x			
VGA/DP (Celeron J1900)	1x / 1x (DP passive cable required)	1xVGA + 1x DVI-I (single-link digital signal only)			
DP (iCore™ i3/i7)	2x (DP active cable required)				
Audio port	-	Line-in + Line-out + Mic-in			
External dimensions(W/H/D) (mm)	250 x 190 x 80	336 x 256 x 81	425 x 300 x 85,5	446 x 346 x 84	508 x 384 x 92,5
Cut-out dimensions (W/H) (mm)	241 x 180	320 x 240	393 x 275	426 x 326	477 x 355
Back-up with battery		1 x			
Power Supply (Vdc)	18...30 max 50W	18...30 max 75W	18...30 max 85W	18...30 max 95W	18...30 max 95W
Power consumption (24 Vdc basic config - NO PCI CARDS) (W)	30	36	43	55	
Protection degree (front)	IP 66				
Operating Temperature	0...+50				



## Panel IPC

(°C)					
Storage Temperature (°C)	-20...+65				
Humidity	90%				
Weight (kg)	-3	-5	-6,5	-9	-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					
Frontal INOX with True-flat Touch screen	12,1" - 15" - 19" - No LED/USB frontal				
RAID 2xHDD function	-	Yes			
Removable HDD/SSD	-	Yes			
DVD-RW Sata	-	External (opt.)	Internal (opt.)		
Operating System (32/64 bit according to CPU type)	WIN7 - WES7 - WIN 8.1 - WIN10 IoT Enterprise LTSB 2016	WES2009 - Win® XP Pro SP3 MUI - WIN7 - WES7			



## XS7 Industrial Panel PC Fanless Celeron

	XS712	XS715	XS717	XS719
Display Size	12,1" SVGA - 12,1" XGA	15"	17"	19"
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 Fanless 4G	Intel <sup>®</sup> Celeron Quad Core J1900 2,00 GHz			
Chipset	SoC			
Graphics embedded	Intel <sup>®</sup> HD Graphics			
RAM	up to 8GB DDR3L 1333 MHz SODIMM 204 pin			
Drives (internal)	min. 500 GB SATA 2,5" / SSD 32 GB / Msata 32 GB / CFast min. 4GB (options)			
CFast Slots External (opt.)	1 x			
RS232 serial port	2x			
RS485 serial port	1x			
USB on front (2.0) IP66	1x			
USB on rear (2.0/3.0)	3/1			
Slot (options)	1 PCI / 2 PCI / 1 PCIe x 1			
Wi-Fi (opt.)	PCI / 2PCI / mPCIe			
Video port	1 x VGA + 1 x DVI-D (single-link digital signal only)			
Audio port	MIC IN + Line OUT			
Ethernet ports RJ45	2 x Ethernet 1Gb Intel I210			
External dimensions(W/H/D) (mm)	336 x 256 x 81	425 x 300 x 85,5	446 x 346 x 84	508 x 384 x 92,5
Cut-out dimensions (W/H) (mm)	320 x 240	393 x 275	426 x 326	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 (24 Vdc basic config - NO PCI	36	43	55	



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CARDS) (W)				
Protection degree (front)	IP 66			
Operating Temperature (°C)	0 ... +50			
Storage Temperature (°C)	-20...+65			
Humidity	90%			
Weight (kg)	~ 5	~ 6,5	~ 9	~ 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			
<b>Optional kits</b>				
Frontal INOX with True-flat Touch screen	12,1" / 15" / 19" - No LED/USB frontal			
RAID 2xHDD function	Options			
Removable HDD/SSD	Options			
DVD-RW Sata	External (opt.)	Internal		
Operating System (32/64 bit according to CPU type)	WIN7 - WES7 - WIN8.1 - WIN10 IoT enterprise LTSB2016			