



Panel IPC

Huge flexibility. Extreme durability

XS7 Industrial Panel Dynamic iCore

| Features | 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 CPU Fan Intel® Core™ 6G | Intel® Celeron B810 1,6GHz, Intel® Core i3-2330E 2,2 GHz, i5-2510E 2,5 GHz, i7-2710QE 2,1GHz 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 RAM (Fan Intel® Core™) 6G | up to 16GB DDR3 SODIMM 204pin Dual Channel 1066/1333 MHz up to 32GB DDR4 SODIMM 1866/2133MHz 260 pin | | | |
| Hard disk/SSD (opt.) | min. 500 GB SATA 2,5" / SSD 16 GB | | | |
| Internal CF/CFast (opt.) | 1 x | | | |
| External CF/CFast (opt.) | 1 x | | | |
| RS232 serial port | 2 x | | | |
| RS485 serial port | 1 x | | | |
| 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 Ethernet (iCore™) 6G | 2x 1Gb RJ45 Intel 82579LM / Realtek RTL8111DL 2x 1Gb RJ45 Intel I210AT / I219LM | | | |
| Green led on front | 1 x | | | |
| 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) | | | |
| External (W x H x 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 (W x 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 level | 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 | | | |
| 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.) | | | |
| Operating System (32/64 bit according to CPU type) | WIN7 - WES7 - XP Pro for Embedded - WIN8.1 - WIN10 | | | |



XS7 Industrial Panel PC Fanless

| Features | 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 CPU Fanless Intel® Core™ | 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 GPU embedded iCore i3-4010U GPU embedded iCore i7-4650U | HD Graphics HD Graphics 4400 HD Graphics 5000 | | Intel® GMA 3650 | | |
| DMI | - | | DMI 2,5 GT/s | | |
| RAM (Celeron Quad Core) RAM (Fanless Intel® Core™) | on board 4GB DDR3L 1066/1333MHz - dual channel - up to 8GB DDR3L SODIMM 1333/1600MHz 204 pin -single channel- | | Up to 4GB DDR3 SODIMM 204 pin | | |
| Hard disk / SSD (optional) | - | | min. 500 GB SATA 2,5" / SSD 16 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) | 0/4 | | 4/0 | | |
| Ethernet Celeron J1900 Ethernet iCore™ i3/i7 | 2x 1Gb RJ45 Intel I210 2x 1Gb RJ45 Intel I210/I218 | | 2x 1Gb Intel 82574 | | |
| Green led on front | - | | 1 x | | |
| Slot (opt.) | - | | 1x PCI / 2x PCI | | |
| Mini PCIe slot | 1x | | 1x | | |
| PCIe slot x1 (opt.) | - | | 1x | | |
| Wi-Fi card (opt.) | Wi-Fi Mini PCIe | | PCI / PCIe 1x | | |
| VGA/DP (Celeron J1900) DP (iCore™ i3/i7) | 1x / 1x (DP passive cable required) 2x (DP active cable required) | | 1xVGA + 1x DVI-I (single-link digital signal only) | | |
| Audio port | - | | Line-in + Line-out + Mic-In | | |
| External (WxHxD) (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 (WxH) (mm) | 241 x 180 | 320 x 240 | 393 x 275 | 426 x 326 | 477 x 355 |
| Back-up with battery | 1x | | | | |
| 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 level | IP 66 on front | | | | |
| Operating temperature (°C) | 0...+50 | | | | |
| 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 - WIN8.1 - WIN10 | | WES2009 - Win® XP Pro SP3 MUI - WIN7 - WES7 | | |



Panel IPC

XS7 Industrial Panel PC Fanless Celeron

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| 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® Celeron Quad Core J1900 2,00 GHz | | | |
| Chipset | SoC | | | |
| Graphics embedded | Intel® HD Graphics | | | |
| RAM | Up to 8GB DDR3L 1333 MHz SODIMM 204 pin | | | |
| Drives (Internal) | min. 500 GB SATA 2,5" / SSD 16 GB / mSATA 32 GB CFast min.4GB (options) | | | |
| CFast Slots External (opt.) | 1 x | | | |
| RS232 serial port | 2 x | | | |
| RS485 serial port | 1 x | | | |
| USB on front (2.0) IP66 | 1 x | | | |
| USB on rear (2.0/3.0) | 3/1 | | | |
| Slot (options) | 1PCI / 2PCI / 1PCIe x1 | | | |
| Wi-Fi card (opt.) | PCI / PCIe1x / mPCIe | | | |
| Video port | 1xVGA + 1x DVI-D (single-link digital signal only) | | | |
| Audio port | MIC IN + Line OUT | | | |
| Ethernet ports RJ45 | 2 x Ethernet 1Gb Intel I210 | | | |
| External Dimensions (WxHxD) (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 (WxH) (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 75W | 18...30 max 85 W | 18...30 max 95 W | 18...30 max 95 W |
| Power consumption (24 Vdc basic config - NO PCI CARDS) (W) | 36 | 43 | 55 | |
| Protection level | IP 66 on front | | | |
| Operating temperature (°C) | 0...+50 | | | 18...30 max 95 W |
| Storage temperature (°C) | -20...+65 | | | |
| Humidity | 90% | | | |
| Weight (kg) | - 5 | - 6,5 | - 9 | - 11 |
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Optional kits

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|----------------------------------------------------|----------------------------------------|----------|--|--|
| 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 - WIN81 - WIN10 | | | |