

SMART-HMI-1235 series



Intel Core i5-1235U 12. Gen



display sizes from 10 to 23.8



starting from 8 GB DDR5 RAM



starting from 256 GB M.2 SSD



9~36 VDC, external power supply



completely fanless cooling



fully compatible with Windows 11



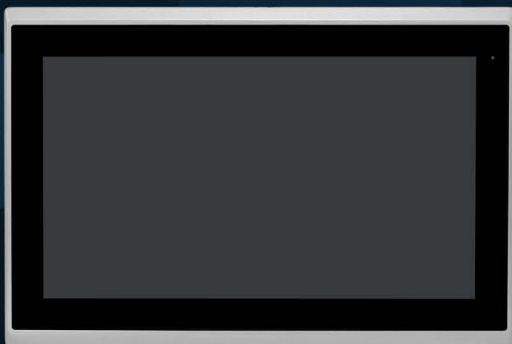
The panel PCs of the SMART-HMI-1235 series are designed for demanding applications in industrial environments. Powered by the 12th generation Intel® Core™ i5-1235U processor, they offer a strong performance profile with low heat generation – completely fanless.

Equipped with at least 8 GB of DDR4 RAM as standard, these devices are ideal for control, visualization, and operation tasks in modern machine and plant environments. The memory can be expanded if needed to reliably handle more complex applications.

The robust aluminum housing provides reliable protection against dust and shocks and ensures effective passive cooling. The wide input voltage range of 9 to 36 VDC makes operation particularly flexible – an optional power supply is available.

Selectable display sizes from 10 to 23.8 inches, as well as capacitive or resistive touchscreens, allow customization for various applications. Both touchscreen options are seamlessly integrated, easy to clean, and designed for continuous industrial use.

With full Windows 11 compatibility, the SMART-HMI-1235 series is perfectly equipped for current and future software solutions.



processor	Intel Core i5-1235U (2x P-Core, 8x E-Core)																				
RAM	starting from 8 GB DDR4 RAM (SO-DIMM, up to 32GB)																				
mass storage	internally installed M.2 SSD starting from 256 GB																				
ports	1x Power-IN, 2x UBS 3.2, 2x USB 2.0, 2x GB-LAN, 1x HDMI, 2x COM (RS232/422485), 1x COM (RS232)																				
expansion slots	1x M.2 E-Key (WIFI, BT, 2230)																				
touchscreen	resistive touchscreen or PCT glass multi-touch																				
dimensions in mm (W x H x D)	<table><tr><td>10"</td><td>285 x 189 x 75</td><td>17"</td><td>439 x 348 x 82</td></tr><tr><td>12"</td><td>314 x 245 x 77</td><td>18.5"</td><td>500 x 315 x 82</td></tr><tr><td>12" WD</td><td>328 x 227 x 78</td><td>19"</td><td>468 x 380 x 82</td></tr><tr><td>15"</td><td>410 x 290 x 79</td><td>21.5"</td><td>558 x 363 x 82</td></tr><tr><td>15.6"</td><td>412 x 278 x 78</td><td>23.8"</td><td>640 x 395 x 88</td></tr></table>	10"	285 x 189 x 75	17"	439 x 348 x 82	12"	314 x 245 x 77	18.5"	500 x 315 x 82	12" WD	328 x 227 x 78	19"	468 x 380 x 82	15"	410 x 290 x 79	21.5"	558 x 363 x 82	15.6"	412 x 278 x 78	23.8"	640 x 395 x 88
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display options	<table><tr><td>10"</td><td>1280 x 800</td><td>17"</td><td>1280 x 1024</td></tr><tr><td>12"</td><td>1024 x 768</td><td>18.5"</td><td>1920 x 1080</td></tr><tr><td>12" WD</td><td>1280 x 800</td><td>19"</td><td>1280 x 1024</td></tr><tr><td>15"</td><td>1024 x 768</td><td>21.5"</td><td>1920 x 1080</td></tr><tr><td>15.6"</td><td>1920 x 1080</td><td>23.8"</td><td>1920 x 1080</td></tr></table>	10"	1280 x 800	17"	1280 x 1024	12"	1024 x 768	18.5"	1920 x 1080	12" WD	1280 x 800	19"	1280 x 1024	15"	1024 x 768	21.5"	1920 x 1080	15.6"	1920 x 1080	23.8"	1920 x 1080
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environmental conditions	0°C ~ 50°C, 10 - 95% humidity at 40°C, non-condensing																				
power supply	9 ~ 36V DC, 100 - 240V AC with external power supply																				
housing	aluminum front, aluminum housing																				
mounting	mounting kit included, VESA 100																				
IP protection	front IP65, enclosure IP20																				
supported operating systems (no 32-bit)	Windows 10, 10 IoT, 11, 11 IoT, div. Linux/Unix																				
supported bus systems	USB, RS232/422/485, EtherCAT, PROFIBUS*, SERCOS*, CANopen*, etc* (*optional)																				
certifications	CE																				
additional product options	Wi-Fi, Bluetooth, extended temperature range, high brightness																				