

Model: MPCX-KLE-6305, MPCX-KLE-i5-11, MPCX-KLE-i7-11
Industrial Fanless Computer

Main Feature

- Fanless Design with oxidized Aluminium Casing
- Ultra Low Power Consumption processor - 12 to 28 watt (Max. TDP)
- VGA + HDMI support Independent Dual Display
- 2 x Intel GLAN, 6 x COM ports, 8 x USB 2.0/3.0
- BIOS Set-up "Auto Power-On", and "Wake on LAN"
- Optional: 8 x LAN & 2 x COM, and PCI & PCI-E Expansion slot



Application:

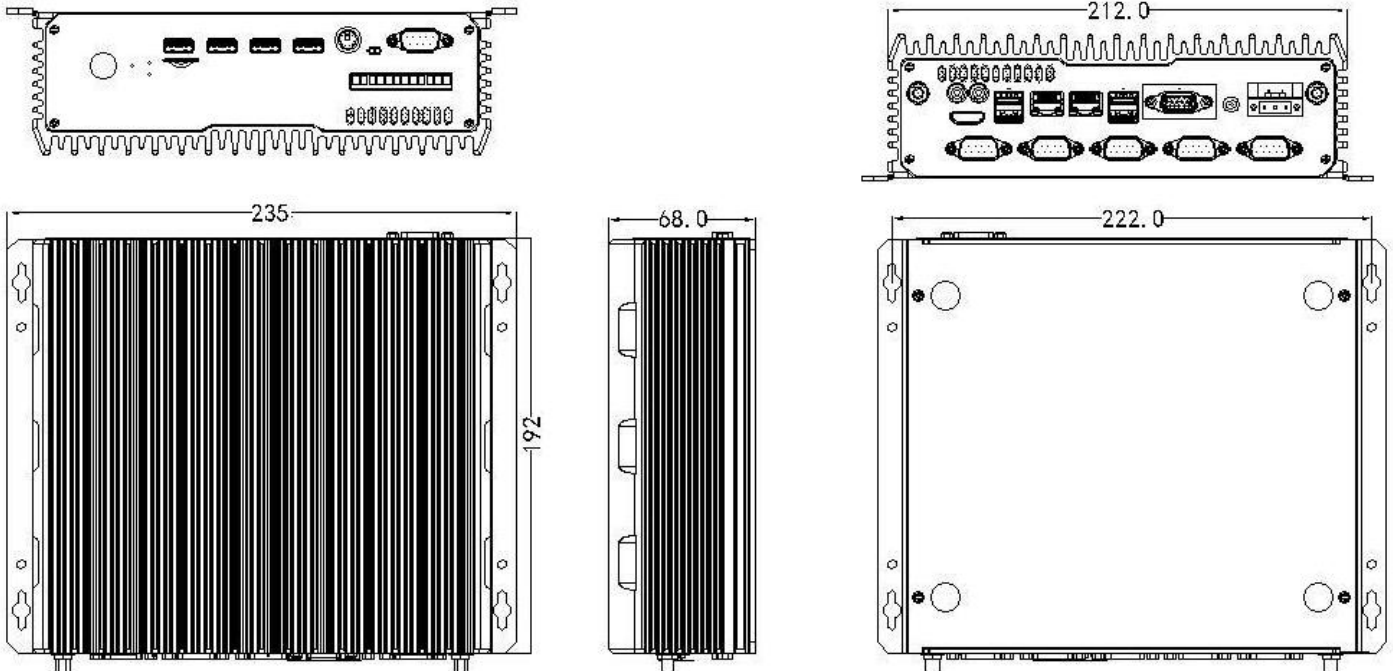
Digital Signage, Factory Automation; Processor Automation; Intelligent Traffic Control; Medical Equipment; Marine / Offshore Industrial ...

Specification

| Product Model | MPCX-KLE-6305 | MPCX-KLE-i5-11 | MPCX-KLE-i7-11 |
|---------------------|---|---|--|
| Processor | Intel® Core™ Celeron® 6305 (Dual Core, 1.8GHz, 4M Cache) | Intel® Core™ i5 1135G7 (Quad Core, 2.4 to 4.2GHz, 8M Cache) | Intel® Core™ i7 1165G7 (Quad Core, 2.8 to 4.7GHz, 12M Cache) |
| Chipset | Intel® integrated with processor | | |
| Memory | 2 x DDR4 SO-DIMM Socket up to 64GB | | |
| BIOS | AMI 64MB Flash ROM | | |
| Graphic | VGA & HDMI 1.4, Maximum Resolution 4096x2304 @ 60Hz | | |
| Storage | Space for 1 x 2.5" bay for SSD/HDD, 1 x mSATA for SSD | | |
| Audio | ALC662, 6 channel HD Audio, Line-Out & Mic.-In | | |
| LAN | 2 x Intel® i210 Gigabit LAN Controller | | |
| USB port | 4 x USB 3.0 and 4 x USB 2.0 | | |
| COM Port | 2 x RS 232 & 4 x232/485 (Isolated) | | |
| GPIO | 4 x Digital Input and 4 x Digital Output | | |
| Watch-Dog Timer | Programmable 0 to 255 min, support Hardware Reset | | |
| Expansive interface | 1 x Mini PCI-E slot for WIFI & Bluetooth <u>Optional</u> : 2 x PCI, <u>or</u> 1 x PCI + PCI-E X1, <u>or</u> 1 x PCI-E X1 + 1 x PCI-E X4 slots | | |
| I/O port | VGA + HDMI, 2 x RJ45, 4 x USB 3.0, 4 x USB 2.0, 6 x COM, 1 x SIM Slot, 2 x Lin-out / Mic.-In, 1 x Power Switch, 1 x DC input, 1 x PS2, 1 x DIO Block | | |
| Power Input | 12 VDC input with 110-240VAC adapter | | |
| Construction | Oxidized Aluminium Case | | |
| OS supporting | DOS, Windows 7 / 10 / 11, Linux | | |
| Environment | Operating temperature: -10 °C to 60 °C; Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak(11m sec) Storage temperature: -20 °C to 80 °C; Storage humidity: 5% to 95%non-condensing | | |

| | |
|-----------------------------|---|
| Compliance | CE/FCC/ROHS |
| Dimension W x H x D | 235 x 192 x 68 mm |
| Ordering Information | |
| MPCX-KLE-6305 | Industrial Fanless Computer with Intel® Celeron® 6305 |
| MPCX- KLE-i5-11 | Industrial Fanless Computer with Intel® Core™ i5 1135G7 |
| MPCX- KLE-i7-11 | Industrial Fanless Computer with Intel® Core™ i7 1165G7 |
| Optional (8 x GLAN) | Upgrade to 8 x Intel® i210 Gigabit LAN, 2 x COM |
| Optional (Expansion Slots) | Upgrade to 2 x PCI, <u>or</u> 1 x PCI + PCI-E X1, <u>or</u> 1 x PCI-E X1 + 1 x PCI-E X4 expansion slots |
| Optional - RAM | 8 to 64GB DDR4 SO-DIMM RAM |
| Optional - SSD / HDD | 128 GB to 2TB SSD / 500GB to 2TB 2.5'' SATA HDD |
| Optional - WIFI | WIFI + Bluetooth with Antenna |
| Optional - OS | Windows 7/10/11 Professional , or Win 10/11 IoT Enterprise 64 bit |

Structure Diagram



Optional: 2 x PCI, or 1 x PCI + PCI-E X1, or 1 x PCI-E X1 + 1 x PCI-E X4 slots
Dimension: 235 x 192 x 120mm

Optional: Upgrade to 8 x Intel® i210 Gigabit LAN, 2 x COM

