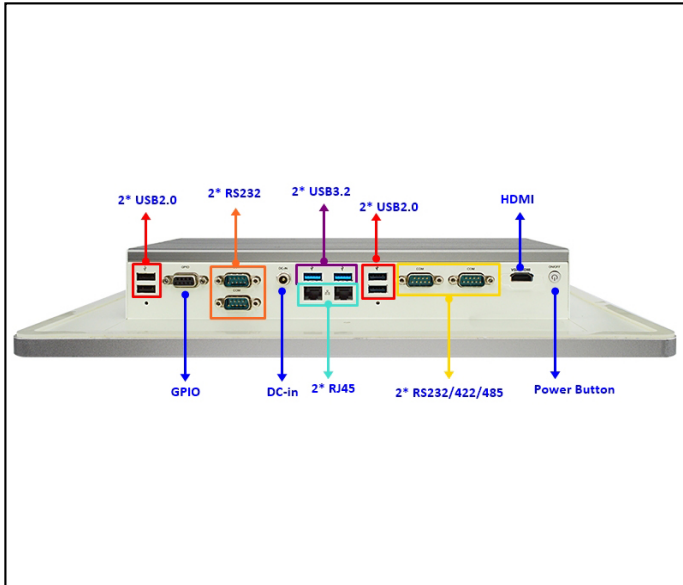


HPC156SC-FP6412



15.6" TFT Fanless Multi-Touch Panel PC with Intel® J6412 Processor



Features

- 15.6" 250-nit TFT LCD with LED backlight for clear visuals
- 10-Point Multi-Capacitive Touch for enhanced user interaction
- Powered by Intel® Celeron® Processor J6412 (Elkhart Lake, TDP 10W)
- Dual 2.5GbE Ethernet for fast and reliable networking
- Comprehensive I/O: 2 USB 3.2, 4 USB 2.0, 4 COM, 1 GPIO, 1 HDMI
- Secure Connectivity: Lockable USB ports and DC jack
- Wide-Range Power Input: 12–28V DC with EOS and OVP protection
- Flexible Mounting Options: Supports wall, panel, and VESA mounts for space-saving installation

Packing List

| PART NUMBER | DESCRIPTION | QTY |
|-----------------|-------------------|-----|
| HPC156SC-FP6412 | HPC156SC-FP6412 | 1 |
| - | Power Cord | 1 |
| - | 60W AC-DC Adapter | 1 |

Optional Accessory

| PART NUMBER | DESCRIPTION | QTY |
|-------------|----------------|-----|
| HPC-HB | Mounting Clips | 6 |

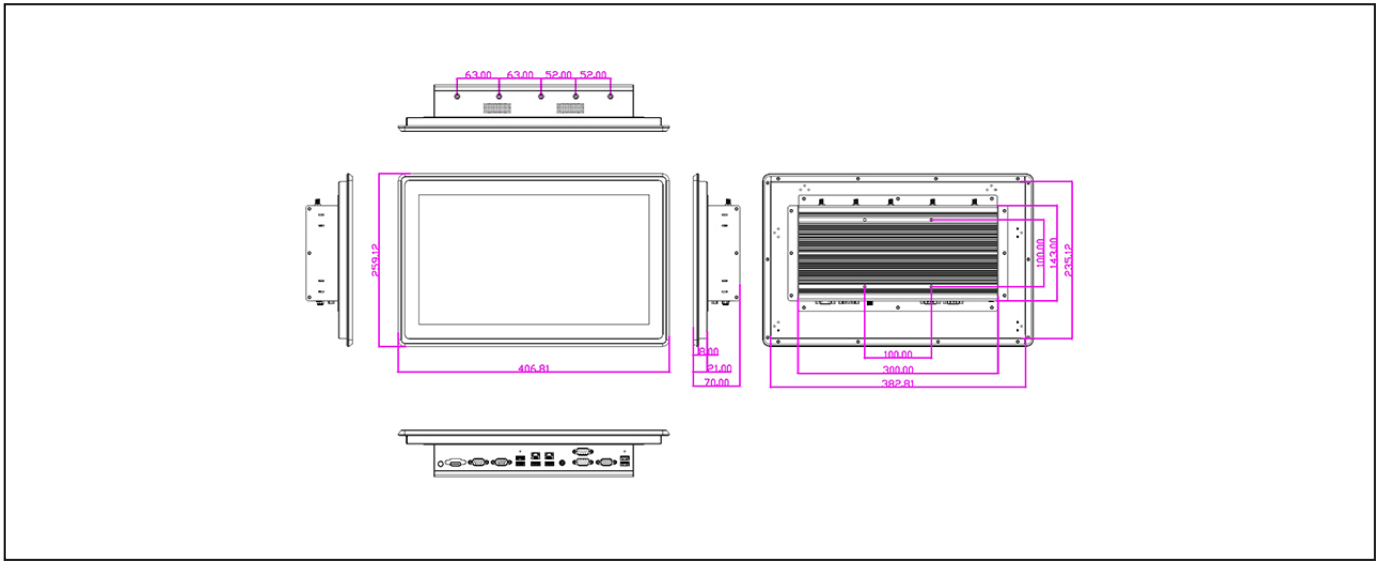
Specifications

| SYSTEM | |
|-----------------------------|---|
| CPU | Onboard Intel® Celeron® Processor J6412 (Formerly Elkhart Lake, TDP 10W) |
| CHIPSET | Intel® SoC |
| MEMORY | 1 x DDR4 3200MHz, Single Channel SO-DIMM, up to 32GB |
| BIOS | SPI 128MB Flash ROM |
| WATCHDOG TIMER | 255 Levels |
| SECURITY | TPM2.0 (Optional) |
| OS SUPPORT | Windows® 11 (64bit) Windows® 10 (64bit) Linux |
| POWER | |
| POWER REQUIREMENT | DC-in 12-28V 60W Adapter: AC100-240V, DC12V/5.0A |
| POWER CONSUMPTION | 27.5W |
| DISPLAY | |
| HDMI | 1 x HDMI 2.0 (Max Resolution: 3840 x 2160@60Hz) |
| AUDIO | |
| AMPLIFIER | 2 x 3W |
| LAN | |
| ETHERNET | 2 x RJ45 for Intel® I226-V 2.5GbE |
| SYSTEM I/O | |
| I/O | 2 x USB 3.2 Gen 1 4 x USB 2.0 1 x 8bit GPIO 2 x RS-232 2 x RS-232/422/485 1 x HDMI 2 x RJ45 1 x Locking Jack 12-28V DC input 1 x Power Button |
| STORAGE | |
| SATA | 1 x 2.5" SATA bay |
| EXPANSION | |
| M.2 | 1 x M-Key 2242/2280 (SATA) Support NVMe 1 x E-Key 2230 for WiFi/BT Module 1 x B-Key 3042/3052 for 4G/5G Module |
| MECHANICAL | |
| MOUNTING | Wall mount, Panel Mount, VESA Mount |
| DIMENSIONS (W x H x D) | 391.0 (W) x 239.0 (D) x 59.7 (H) mm |
| CONSTRUCTION | Aluminum Front Bezel + Metal Chassis |
| LCD | |
| DISPLAY TYPE | 15.6" TFT-LCD, LED |
| MAX. RESOLUTION | 1920 x 1080 |
| MAX. COLORS | 262K Display Color |
| LUMINANCE | 250 nits |
| VIEWING ANGLE | 170° (H), 170° (V) |
| BACK LIGHT | LED |
| TOUCH SCREEN | |
| TYPE | Projected Capacitive Type |
| LIGHT TRANSMISSION | 85% |
| ENVIRONMENT & CERTIFICATION | |
| SHOCK | 15G, 11ms duration |
| VIBRATION | 1 Grms/ 5- 500Hz/ Operation |
| OPERATING TEMPERATURE | -10°C - 60°C (14°F - 140°F) |
| STORAGE TEMPERATURE | -20°C - 70°C (-4°F - 158°F) |
| CERTIFICATION | CE/FCC Class A |

HPC156SC-FP6412



Dimension Unit: mm



Ordering Information

| PART NUMBER | HPC156SC-FP6412 | HPC156SC-FP6412T2 |
|-----------------------|--|--|
| CPU | Intel® Celeron® J6412 | Intel® Celeron® J6412 |
| SECURITY | | TPM2.0 |
| POWER REQUIREMENT | DC-in 12-28V | DC-in 12-28V |
| HDMI | 1 x HDMI | 1 x HDMI |
| ETHERNET | 2 x 2.5GbE | 2 x 2.5GbE |
| I/O | 2 x USB 3.2 Gen 1 | 2 x USB 3.2 Gen 1 |
| I/O | 4 x USB 2.0 | 4 x USB 2.0 |
| I/O | 1 x GPIO | 1 x GPIO |
| I/O | 2 x RS-232 | 2 x RS-232 |
| I/O | 2 x RS-232/422/485 | 2 x RS-232/422/485 |
| I/O | 1 x HDMI | 1 x HDMI |
| I/O | 2 x RJ45 | 2 x RJ45 |
| I/O | 1 x DC-in (Lockable) | 1 x DC-in (Lockable) |
| I/O | 1 x Power Button | 1 x Power Button |
| SATA | 1 x 2.5" SATA Bay | 1 x 2.5" SATA Bay |
| M.2 | 1 x M-Key 2242/2280 | 1 x M-Key 2242/2280 |
| M.2 | 1 x E-Key 2230 | 1 x E-Key 2230 |
| M.2 | 1 x B-Key 3042/3052 | 1 x B-Key 3042/3052 |
| OPERATING TEMPERATURE | -10°C - 60°C (14°F - 140°F) with 0.5 m/s airflow | -10°C - 60°C (14°F - 140°F) with 0.5 m/s airflow |