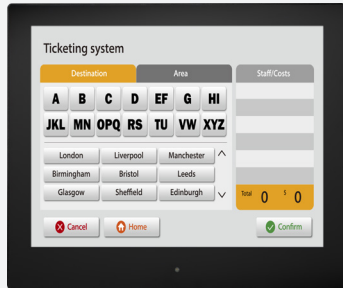


HPPC 15-10X7211



Main Features

- ♦ 15" 4:3 ratio 1800 nits sunlight readable panel
- ♦ Optical Bonding with AF, AG Anti-UV & IR treatment
- ♦ Embedded light sensor for auto-dimming
- ♦ 2 x PWM Smart Fan
- ♦ Intel Atom® x7211RE Processor 6M Cache, up to 3.2 GHz
- ♦ 1 x DDR4 SO-DIMM socket, up to 32GB
- ♦ Expansion : 1 x M.2 Key M, 1 x Mini PCIe
- ♦ Support wide range power input: DC 12V to 24V

Product Overview

The HPPC15-10X7211, powered by Intel Atom® X7211RE, offers industrial competitiveness by providing high performance, low power consumption, and real-time processing in harsh environmental conditions. Featuring a G-series 10-point PCAP touch panel with 1800 nits luminance, the HPPC15-10X7211 utilizes optical bonding with Anti-UV, AF, AG coating and IR treatment, along with IP65-rated protection for enhanced durability. Its built-in light sensor and smart fan control function optimize energy efficiency and enable brightness auto-dimming, extending the product's lifespan. The HPPC15-10X7211 supports 12V to 24V power input and wide-range operating temperature of -20~60°C, delivering an excellent user experience for semi-outdoor applications, including automated parking system, recycling machine and parking payment machine.

Specifications

Panel

- ♦ LCD size: 15", 4:3
- ♦ Resolution: XGA 1024 x 768
- ♦ Luminance
 - LCD panel: 1800 cd/m²
 - XPPC PCAP touch: 80% of panel's luminance after optical bonding
- ♦ Contrast ratio: 2500
- ♦ LCD color: 16.7M
- ♦ Viewing angle: 88 (U), 88 (D), 88 (L), 88 (R)

Touch Screen

- ♦ 10 points P-Cap (Projected Capacitive Touch)
- ♦ Optical bonding with anti-UV & IR
- ♦ Glass Surface Treatment: AF & AG

System

- ♦ Intel Atom® X7211RE processor (embedded)
- ♦ Intel® UHD Graphics
- ♦ TPM 2.0
- ♦ Built-in light sensor board & smart fan control

Main Memory

- ♦ 1 x SO-DIMM socket, non-ECC, up to 32GB

Storage Device

- ♦ 1 x M.2 Key M 2242 NVMe SSD (PCIe 3.0 x1, SATA 3.0)
- ♦ 1 x Mini PCIe slot, supports mSATA

Expansion

- ♦ 1 x Mini PCIe slot
 - Support 4G/Wi-Fi + BT/mSATA

I/O Interface - Rear

- ♦ 2 x 1GbE RJ45 port, Intel® i210AT
- ♦ 1 x HDMI® 2.0b, up to 3840 x 2160@60Hz
- ♦ 2 x USB 3.2 5Gbps, Type-A
- ♦ 2 x USB 2.0
- ♦ 1 x Power button
- ♦ 1 x 3-pin Phoenix connector for DC 12 to 24V Input

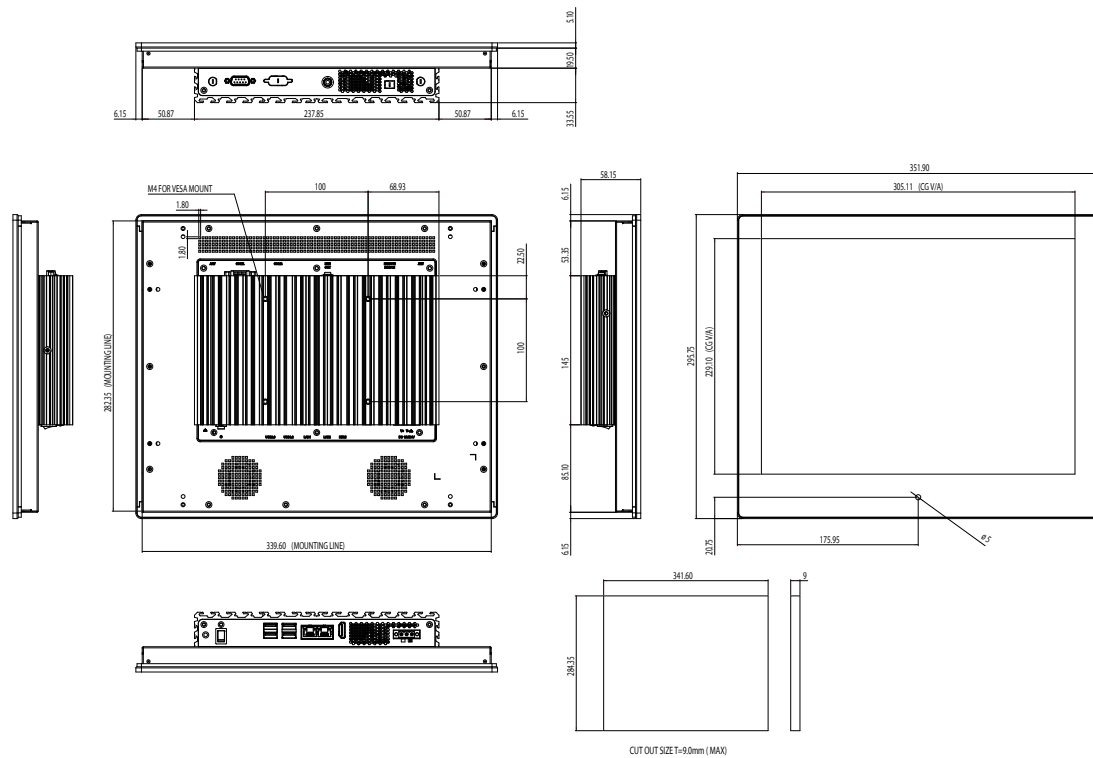
I/O Interface - Front

- ♦ 2 x Antenna hole
- ♦ 1 x COM Port (DB9), supports RS-232/422/485
- ♦ 1 x Line out

I/O Interface - Internal

- ♦ 1 x 4-pin header for USB 2.0
- ♦ 1 x 4-pin header for Speaker out
- ♦ 1 x 10-pin header for RS-232
- ♦ 1 x 3-pin header for MIC in
- ♦ 1 x 3-pin header for PWR LED
- ♦ 1 x 10-pin header for 4-in & 4-out GPIO

Dimension Drawing



Mechanical & Dimensions

- Color / Material: Black metal sheet
- Support VESA Mount 100mm x 100mm
- System unit:
 - Dimension: 351.9mm(W) x 295.75 mm(D) x 58.15mm(H)
 - Net Weight: 4.2kg
- Package Carton:
 - Dimension: 498mm(W) x 478mm(D) x 181mm(H)
 - Gross weight: 5.8kg (1 unit / Carton)

Power requirement

- Nominal Voltage: DC 12V to 24V Input

Environment

- Operating temperature:
 - Ambient with air flow: -20°C~60°C
 - Storage temperature: -20°C~80°C
- Relative humidity: 10%~90% (non-condensing)
- Shock protection:
 - 20G peak acceleration, 11ms according to IEC 60068-2-27
- Vibration protection:
 - Random: 2Grms@5~500Hz, IEC 60068-2-64
 - Sinusoidal: 2G@5~500Hz, IEC 60068-2-6

Certifications

- CE (EN 55035 + EN 55032)
- FCC Class A (EMI Part 15B)
- LVD (EN 62368-1)

Operating System

- Windows 11
- Windows 10 64-bit
- Linux

Ordering Information

- **HPPC 15-10X7211(P/N:10W60HPPC00X0)**
HPPC 15-10X7211 15" TFT 1800 nits Panel PC, P-CAP, Optical Bonding, w/ XPPB-10X7211
- **Panel mount kit (P/N: 5061711301X00)**
Panel Mount BKT for XPPC24-100 SIN SUPER CIRCLE 30x20x6mm
SECC T=1.6mm