

IP65 High Brightness Touch PC



Fully seal IP65 Aluminum Housing high brightness 1000nits
10.4" 1024×768 Wide temp -10C to 60C, DualCore N2807,
2GB RAM + 64GB SSD + Win 7 Pro, external 100-240V ACDC
active switching; 12V DC-Out

Model: MSP1040HB-J

IP65 Sunlight readable, vandal-resistant aluminum Touch PC series has been designed for demanding industrial applications, especially outdoor or in places with much dust or water. High-performance LEDs with extreme long life, coupled with specialty films and enhanced polarizers allow a perfect picture even under direct sunlight.

The individually equipped, water-and dust-resistant, highly stable connections ensure proper connectivity in all situations and withstand all weather conditions and application.

The heart of the system is equipped with reliable RAM, SSD and W-Lan modules. Preinstalled is an actual Linux Ubuntu Operating system, the fanless and rugged Touch-PC systems work out of the box.

The high-strength safety glass protects against vandalism, on the capacitive models nor a knife, nor a screwdriver leave any scratches.

These features make MSP1040HB-J IP65 Touch-PC series a real globe-trotter. It is used in America in car wash centers (with capacitive touch panel), in Brazil in police cars (vandalism secure), in Australia in outdoor POS (high brightness), and in Asia and Europe in numerous industry projects.

FEATURES

- Dustproof
- Waterproof
- vandalism secure
- sunlight readable (1000+ Nits)

SPECIFICATIONS

| Anti-glare LCD Panel | |
|--|--------------|
| IP Protection Class | IP65 |
| Screen diagonal (Inch/cm) | 10.4/26.42 |
| Display active screen size | 21.12x15.84 |
| Aspect ratio | 4:3 |
| Physical resolution | 1024x768 |
| Maximum showable resolution (TPCs: external) | 1920*1200 |
| Colours displayed | 17.M |
| Brightness (cd/m2) | 1000+ |
| Contrast | 500:1 |
| Typical reaction time Tr/ Tf (ms) | 12.5/12.5 |
| Visual Angle horizontal/vertical (°) | 140/120 |
| Backlight / Backlight Lifetime (hours) | LED / 40,000 |

| Operation / Mechanical | |
|----------------------------|---|
| Operating Temperature (°C) | -10 ~ +60 |
| Humidity Range (RH) | 20%-90% |
| Net weight (kg) | 1.8 |
| Gross weight (kg) | 2.60 (incl. cartontage) |
| Housing material | Aluminum |
| Housing (cm) LxWxH | 28.40 x 23.70 x 6.30 |
| Mounting | VESA 100 |
| PC System | |
| CPU | Intel® Celeron™ DualCore N2807 |
| Chipset | Intel® E3800 |
| Graphic GPU | Intel® HD Graphics |
| Audio | Realtek 887 8-channel high definition audio codec, Audio Amplifier EUA 2012A |
| Memory | 1x 2GB DDR3L SODimm |
| Storage | Industrial 64GB SSD |
| W-LAN | 2x Realtek PCIe GB LAN 8111G |
| Driver Support | Win7/8/10; Linux; 32Bit/64Bit |
| Preinstalled OS | Linux Ubuntu |
| Touch Technology | 5-Wire Resistive |
| Touch Connector | USB |
| Touch Panel Drivers | Windows; Linux; Mac; Android |
| Touch Life (Contacts) | 10 million in 1 location without failure |
| Surface Hardness | 3H |



| Power | |
|---|--|
| Power Indicator | Green LED |
| Power Supply | 100-240V ACDC active switching; 12V DC-Out |
| Working Power (V) | 12 |
| Power Consumption (W) | 26 |
| Stand-By Consumption (W) | <0.5 |
| Internal Connectors | |
| 1x SO-DIMM Slot, max. 4GB, DDR3L-1333 Single channel memory | |
| 1x 12V DC power connector (2-pin) | |
| 1x 4-pin SATA power connector; 2x S-ATA 3GB/s ports | |
| 1x VGA pin header; 1x VGA pin header; 1x DP-Pin-Header | |
| 1x LVDS connector; 1x S/PDIF output pin header | |
| 1x 5-pin LCD power connector | |
| 1x Line-Out / Mic-In audio pin header | |
| 1x 4-pin (2x2W) audio amplifier connector | |
| 1x PS/2 keyboard/mouse connector (6-pin) | |
| 1x USB 2.0 header supports additional 4x USB 2.0 ports | |
| 2x RS232 connectors; 1x 8-bit Digital I/O interface | |
| 1x Chassis Fan connector | |
| External Connectors | |
| 1x 10/100/1000MB LAN | |
| 2x USB 2.0 / RS 232 serial | |
| 2x W-LAN antenna connector | |
| 1x 8-36V DC-IN 1x 8-36V DC-IN | |
| Expansion Slots | |
| 2x Mini Card slots with PCIe and USB interface (2 x Full Height/Half height changeable) | |

DRAWINGS

