

P1585H

Full IP65, 15" Stainless Steel High Brightness Panel PC with Intel® Atom™ N270



Features

- High Luminance LCD Panel (1000 nits)
- Soldered Onboard Intel® Atom™ N270 Processor
- 15" XGA 1024 x 768 Resolution Color TFT LCD Display
- Fully IP65-rated Waterproof Stainless Steel Chassis
- IP67-rated Waterproof I/O Connectors
- Ultra Slim and Compact Mechanical Design
- Supports Wide-Range DC Power Input (10-32V)
- Intel® SSD Compatible

System

CPU Intel® Atom™ N270 1.6GHz processor

Memory Soldered onboard 1GB DDR2 SDRAM

Chipset Intel® 945GSE + ICH7M

LAN 1 x Realtek 8111 GbE controller

Watchdog Timer 1~255 levels reset

Storage

SSD/Type 1 x 2.5" drive bay for SATA SSD

LCD Display

Size/Type 15" TFT LCD

Max. Resolution 1024 x 768 (XGA)

Pixel Pitch 0.297 x 0.297 mm

Max. Colors 16.2M

Luminance 1000 cd/m²

View Angle (U/D/R/L) 80°/80°/80°/80°

Touch Screen

Type 5-wire Analog Resistive

Resolution Continuous

Light Transparency 80%

Interface USB Interface

Power System

Power Requirement DC 10~32V

Power Consumption 5A/12V

Certification

EMC / EMI CE / FCC Class A

External I/O

Serial Ports 2 x COM ports (RS-232/422/485 by 8-pin waterproof connector)

USB Ports 3 x USB ports
• 1 x USB Type A waterproof connector
• 2 x USB ports via 10-pin waterproof connector

LAN 1 x waterproof RJ-45 GbE connector

DC Power In 1 x 3-pin connector

Expansion

Expansion Bus 1 x Mini-card slot

Serial Ports 4 x RS-232 COM ports (reserved for OEM project)

USB Ports 3 x USB ports (reserved for OEM project)

Mechanical

Mounting Type VESA-100 mounting

Chassis Stainless steel (Full IP65 compliant)

Dimension (W x D x H) 400 x 55 x 310 mm (15.75" x 2.17" x 12.20")

Weight (Net) 7.05 kg (15.5 lb)

Environmental

Operating Temp. 0 ~ 50°C (32 ~ 122 °F)

Storage Temp. -20 ~ 80°C (-4 ~ 176°F)

Operating Humidity 10 ~ 95% RH @ 50°C (non-condensing)

Vibration 5 ~ 500Hz, 3Grms Random (with CF/SSD)

Shock Operating 20G, 11ms
Non-operating 50G, 20ms (with CF/SSD)

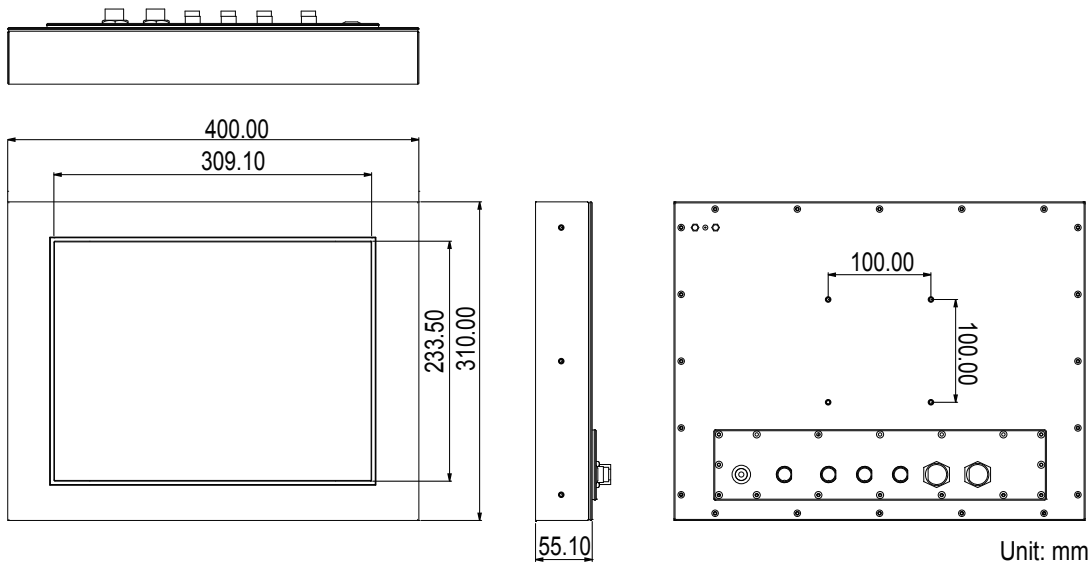
OS Support

Windows XP Embedded / Windows 7 Professional

Ordering Information

P1585H/SSD Intel® Atom™ N270 Full IP65 industrial high brightness panel PC with 40GB SSD

Dimensions



Optional Accessories

CBK-01-1585-12	Waterproof RJ-45 Cable GTC-RJ45 to GTC-RJ45, L: 2M	
CBK-01-1585-13	Waterproof USB Type A Cable GTC-USB-A to GTC-USB -A, L: 2M	
CBK-01-1585-14	10-pin Waterproof Connector to Dual USB Type A Cable, GTC-10P to GTC-USB-A, L: 2M	
CBK-01-1585-15	8-pin Waterproof Connector to DB9-M Cable GTC-8P to GTC-DB9-M, L: 2M	
PAC-P060W-01	12V/5A 60W AC/DC Power Adapter Kit	

Optional Configuration (CTOS* Kit)

SSD-25040	Intel® 2.5" 40GB SATAII SSD Kit	
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*CTOS means Configure-to-Order Service.