

P1585

IP65 Stainless Steel Fanless 15" Industrial Panel PC with Intel® Atom™ N270



Features

- Fanless Design
- Intel® Atom™ N270 1.6GHz Processor
- 15" XGA 1024 x 768 Resolution Color TFT LCD Display
- Fully IP65 Waterproof Compliant Stainless Steel Chassis
- Ultra Slim and Compact Mechanical Design
- IP67 Waterproof I/O Connectors
- Wide Range DC Power Input (Optional)
- Intel® SSD Compatible

System

CPU	Soldered onboard Intel® Atom™ N270 1.6GHz processor
Memory	Soldered onboard 1GB DDR2 533MHz SDRAM
Chipset	Intel® 945GSE + ICH7M
LAN	1 x Realtek RTL8111 Gigabit Ethernet controller
Watchdog Timer	1~255 levels reset

Storage

Type	1 x 2.5" drive bay for SATA HDD/SSD
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LCD Display

Size/Type	15" TFT LCD Panel
Max. Resolution	1024 x 768
Max. Colors	16.2M
Luminance	350 cd/m ²
Touch Screen	5-wire, Analog Resistive

Power System

Power Input	DC 12V
Consumption	2.1A/12V

Certification

EMC / EMI	CE, FCC Class A
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External I/O

Serial Ports	2 x COM ports (RS-232/422/485 by 8-pin connector)
USB Ports	3 x USB ports • 1 x USB Type A connector • 2 x USB ports via 10-pin connector
LAN	1 x LAN RJ-45 connector
DC Power In	1 x 3-pin connector

Internal Connectors

Compact Flash	1 x CompactFlash socket (reserved for OEM project)
Mini Card	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 12.2")
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 ~ 90% RH @40°C (non-condensing)
Vibration	5 ~ 500Hz, 3Grms Random (with CF/SSD)
Shock	Operating 20G, 11ms & Non-operating 50G, 20ms (with CF/SSD)

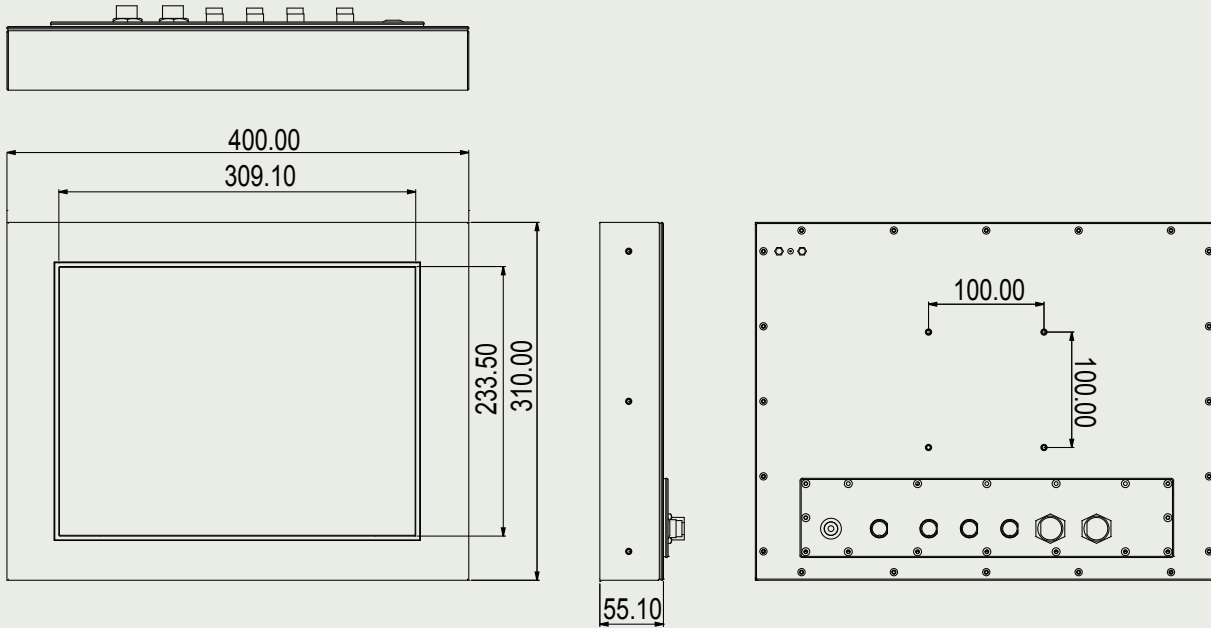
Ordering Information

P1585/SSD	Intel® Atom™ N270 Full IP65 industrial panel PC with 40GB SSD
P1585/HDD	Intel® Atom™ N270 Full IP65 industrial panel PC with 160GB HDD

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Dimensions



Unit: mm

Packing List

Unit	Full IP65 Compliant 15" industrial panel PC
Manual	User manual for system setup
Driver CD	Operating system driver CD
Power Cable (CBK-01-1585-11)	3-pin waterproof connector to DC Jack cable (L=2m)

Accessory Options

CBK-01-1585-12	Waterproof RJ-45 extended cable (L=2m)
CBK-01-1585-13	Waterproof USB Type A extended cable (L=2m)
CBK-01-1585-14	10-pin waterproof connector to Dual USB Type A cable (L=2m)
CBK-01-1585-15	8-pin waterproof connector to DB9-M cable (L=2m)
PAC-P060W-01	60W AC/DC power adapter kit