

P1585

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



Features

- Soldered Onboard Intel® Atom™ N270 Processor
- 15" XGA 1024 x 768 Resolution Color TFT LCD Display
- Fully IP65 Water-proof Compliant Stainless Steel Chassis
- Ultra Slim and Compact Mechanic Design
- IP67 Rating Water-proof I/O Connectors
- Resistive Touch Screen
- Intel® SSD Compatible

System

CPU	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

HDD/Type	1 x 2.5" drive bay for SATA HDD/SSD
Flash Disk	1 x CompactFlash Type II Socket (optional)

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 (24-bit)
Luminance	350 cd/m ²

Touch Screen

Type	5-wire, Analog Resistive
Resolution	Continuous
Light Transparency	80%
Interface	USB Interface

Power System

Power Requirement	DC 12V
Power Consumption	2.1A/12V

Certification

EMC / EMI	CE, FCC Class A
------------------	-----------------

External I/O

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

Expansion

Compact Flash	1 x CompactFlash socket (reserved for OEM project)
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	Support side-mounting and 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)

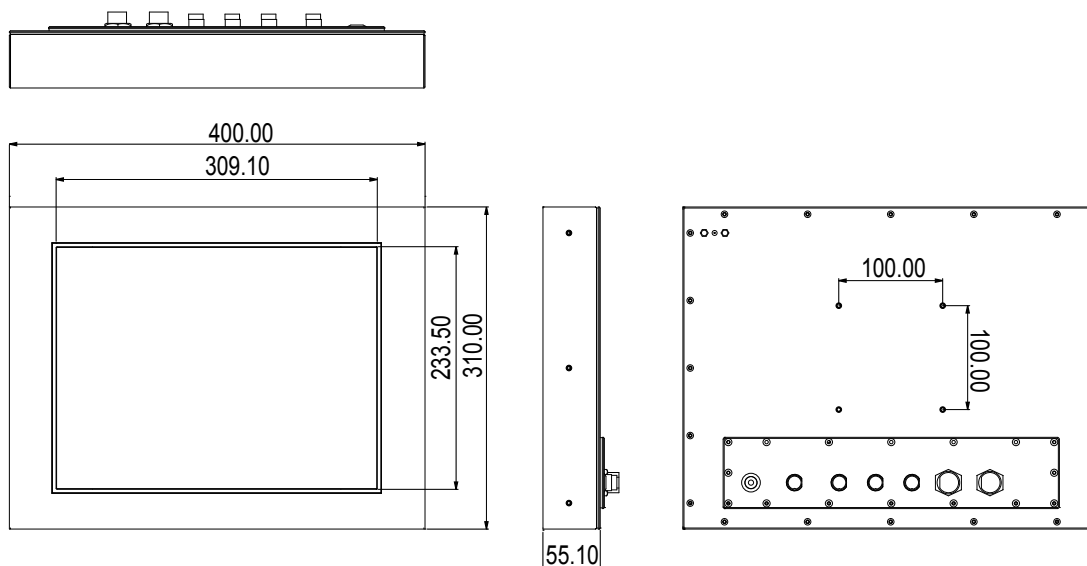
Environmental

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/HDD	Intel® Atom™ N270 Full IP65 industrial panel PC with 320GB HDD
P1585/SSD	Intel® Atom™ N270 Full IP65 industrial panel PC with 40GB SSD

Dimensions



Unit: mm

Optional Accessories

CBK-01-1585-12

Water-proof RJ-45 cable (L=2m)



GTC-RJ45 to GTC-RJ45 , L: 2M

CBK-01-1585-13

Water-proof USB Type A cable (L=2m)



GTC-USB-A to GTC-USB -A , L: 2M

CBK-01-1585-14

10-pin water-proof connector to Dual USB Type A cable (L=2m)



GTC-10P to GTC-USB-A , L: 2M

CBK-01-1585-15

8-pin water-proof connector to DB9-M cable (L=2m)



GTC-8P to GTC-DB9-M , L: 2M

PAC-P060W-01

60W AC/DC power adapter kit



Power Input 100 ~ 240 VAC

Power Output 12 VDC, 5A, 60W

Optional Configuration (CTOS* Kit)

SSD-25040

Intel® 2.5" 40GB SATAII SSD kit



Brand/Type Intel / 2.5 inch

Interface SATAII

Capacity 40GB

Dimensions (W x D x H) 100.45 x 69.85 x 9.5 mm (3.95" x 2.75" x 0.37")

*CTOS means Configure to Order Service.