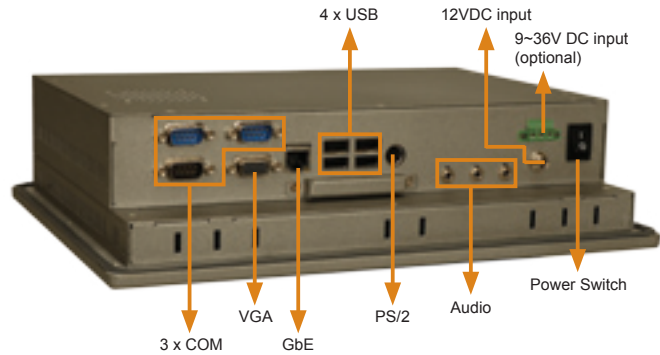


# PPC-3708GHS

Panel PC with 8.4" TFT LCD and Touchscreen



## Features

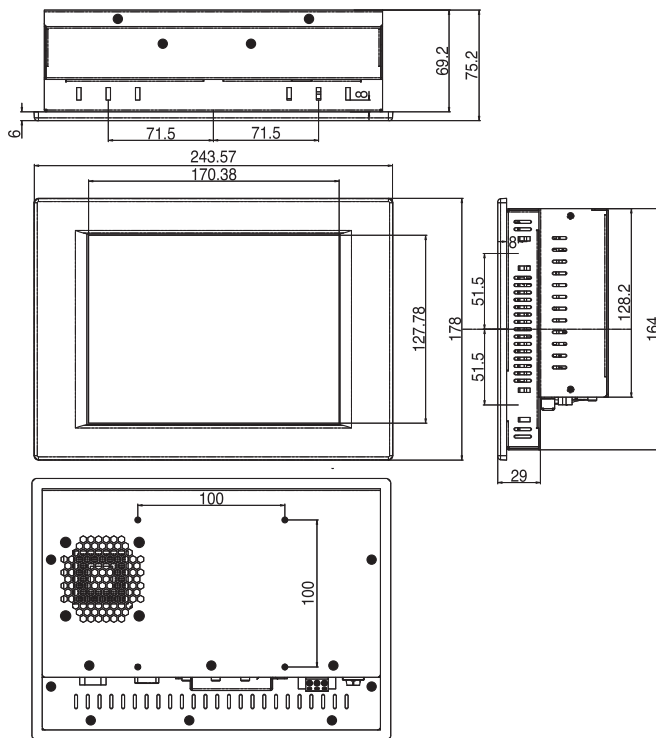
1. 8.4" low Power, Intel® Pentium® M / Celeron® M CPU up to 2.1GHz for socket type
2. Onboard ULV Celeron® M 1GHz zero cache CPU for BGA type
3. Pentium® M/Celeron® M industrial main board
4. Supports 1 GB (max.) 266/200 MHz DDR SO-DIMM
5. IP 65 compliant aluminum die-casting front panel
6. Gigabit Ethernet support

## Specifications

Model	<b>PPC-3708GS</b>	<b>PPC-3708GS-9452</b> <div style="color: red; font-weight: bold; font-size: small;">                     Core™2 Duo series 2008Q2 launch                 </div>
<b>CPU</b>	Socket 479 2.1 GHz (max.) Intel® Pentium® M / Celeron® M with a 400 MHz FSB On-board 1 GHz or 600 MHz Intel® Celeron® zero cache CPU	Socket M Intel® Core™2 Duo™/Core™ Duo/Core Solo with a 667 MHz FSB Intel® Celeron® M with a 533MHz FSB
<b>Chipset</b>	Intel® 852GM + ICH4	Intel® 945GM + ICH7M
<b>Memory</b>	1 GB (max.) 266/200 MHz DDR SO-DIMM socket	1 GB (max.) 400/533/667 MHz DDR SO-DIMM socket
<b>VGA</b>	Intel® 852GM supports dual display	Intel® 945GM supports dual display
<b>SSD</b>	CF Type II	CF Type II
<b>Drive Bay</b>	1 x 2.5" SATA/IDE HDD bay	1 x 2.5" SATA/IDE HDD bay with anti-shock
<b>Ethernet</b>	Intel® 82541 Gigabit Ethernet controller Intel® 82551ER 10/100 Mbps Ethernet controller	2 x Broadcom BCM5787M PCIe GbE chipsets chipsets with ASF2.0 remote control support
<b>Audio</b>	AC' 97 2.3 Realtek ALC 655	AC' 97 2.3 Realtek ALC 883
<b>I/O</b>	- 1 x RS-232/422/485 port - 4 x USB 2.0 ports - 1 x VGA out - 3 x Audio (Lin-in, Line-out, MIC-in) - 1 x IDE - 2 x RS-232 ports - 1 x PS/2 port (KB/MS) - 1 x LAN - 2 x SATA	- 3 x RS-232 - 2 x USB - 2 x LAN - 1 x IDE - 1 x RS-232/422/485 - 1 x VGA - 3 x Audio (Line-in, Line-out, MIC-in) - 2 x SATA
<b>Expansion Slot</b>	N/A	1 x PCIe mini Card for 802.11 b/g wireless LAN module (optional)
<b>Touch Screen</b>	4-wire resistive type with RS-232 interface.	
<b>LCD</b>	- Resolution :800 x 600 (SVGA) - Brightness : 400 cd/m <sup>2</sup> - Contrast Ratio : 500:1 - Viewing Angle (H-V): 120/100 - Backlight MTBF : 50000hrs	- Resolution: 800 x 600 (SVGA) - Brightness : 400cd/m <sup>2</sup> - Contrast Ratio : 500:1 - Viewing Angle (H-V): 120/100 - Backlight MTBF : 50000hrs
<b>Operating Temperature</b>	0 °C~ 50°C.	
<b>Storage Temperature</b>	-20°C ~ 60°C.	
<b>Vibration</b>	- 5~17Hz 0.1" double amplitude displacement - 17~640 Hz 1.5G acceleration peak to peak	
<b>Shock</b>	10G acceleration peak to peak. (11ms)	
<b>Relative Humidity</b>	5 ~ 95% @ 60°C, non-condensing	
<b>Net / Gross Weight</b>	2.2 Kg /4.4 Kg	
<b>Dimensions (W x H x D)</b>	243.57 mm x 178 mm x 75.2 mm	
<b>Power Supply</b>	AC adapter for BGA model - 60W, 63000-FSP0601AD101C712-RS - Input: 90 ~ 240VAC@50/60Hz, Output: 12VDC AC adapter for CPU socket 479 model - 80W, 63000-SPU65105-RS - Input: 90 ~ 240VAC@50/60Hz, Output: 12VDC DC/DC converter - 60W, IDD-936160 - Input: 9 ~ 36VDC, Output: 12VDC @ 5A	AC adapter for CPU socket 479 model - 80W, 63000-SPU65 05-RS - Input: 90 ~ 240VAC@50/60Hz, Output: 12VDC
<b>Front Panel Protection</b>	IP 65 Compliant	
<b>Certificate</b>	Meets CE, FCC	

- 1 Application Server Platform
- 2 Single Board Computer
- 3 IBX Series POS PC
- 4 AFOLUX POS Panel PC
- 5 Video Capture Card
- 6 KAMIO RISC
- 7 IOVU Open HMI
- 8 VITO Universal Controller
- 9 DINO BLADE
- 10 LCD Product Series
- 11 Embedded System
- 12 Industrial Computer Chassis
- 13 Power Supply
- 14 Peripherals

### Dimensions (Unit: mm)



### Packing List

Part Number	Description	Amount
19600-000205-RS	Screw Kit	1
19B00-000032-RS	CD-ROM Installation Kit	1
32000-000002-RS	Power Cord	1
32000-000138-RS	PS/2 Cable	1
32000-076800-RS	HDD IDE Cable	1
	Touch Screen Driver CD / Touch Pen ( For T-R model only)	1
33100-000033-RS	Jumper Pack	1
63000-UP0601E12PL51-RS - 60W	Power Adapter (For GS/GHS Model Only)	1
63000-SPU65105-RS - 80W		
PK-084M	Panel Mounting Kit	1
WK-084MS-R10	Wall Mounting Kit	1
	User Manual & Driver CD	1

### Ordering Information

#### Socket Type

PPC-3708GHS/8522-CM370/T-R/512MB	8.4" 400 cd/m <sup>2</sup> SVGA TFT Panel PC with NANO-8522, CPU Celeron M 1.5GHz, Silver Color, 512MB RAM and Touch Screen, RoHS
PPC-3708GHMS/8522-CM370/T-R/512MB	8.4" 400 cd/m <sup>2</sup> SVGA TFT Panel PC with NANO-8522, CPU Celeron M 1.5GHz, Silver Color, 512MB DDR 400MHz, 9~36V DC Input and Touch Screen, RoHS

#### BGA Type

PPC-3708GHS/8522-1GZ/T-R/512 MB	8.4" 400 cd/m <sup>2</sup> SVGA TFT panel PC with Nano-8522, Celeron® M 1.0GHz zero cache and 512MB DDR 400MHz, Industrial color and Touch Screen, RoHS
PPC-3708GHMS/8522-1GZ/T-R/512 MB	8.4" 400 cd/m <sup>2</sup> SVGA TFT panel PC with Nano-8522, Celeron® M 1.0GHz zero cache and 512MB DDR 400MHz, 9~36V DC Input, silver color and Touch Screen, RoHS

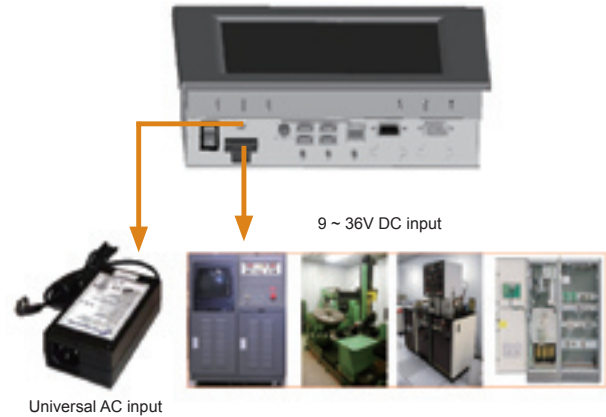
#### Core™2 Duo

PPC-3708GHS/NANO-9452-CM440/T-R/1GB	8.4" 400 cd/m <sup>2</sup> SVGA TFT Panel PC with NANO-9452, CPU Celeron® M 1.86Ghz, Silver color and Touch screen, w/1GB DDR2 RAM, RoHS
PPC-3708GHS/NANO-9452-CM440/WT-R/1GB	8.4" 400 cd/m <sup>2</sup> SVGA TFT Panel PC with NANO-9452, CPU Celeron® M 1.86Ghz, Silver color and Touch screen, 802.11b/g, w/1GB DDR2 RAM, RoHS

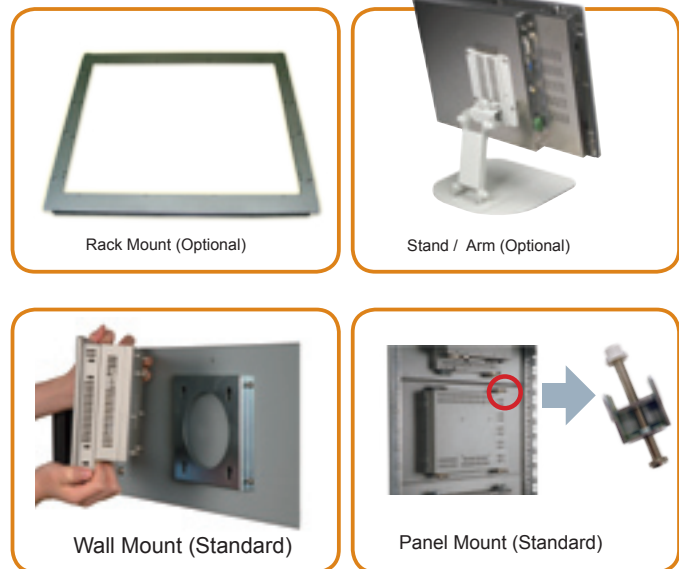
- \* H : High Luminance version (400 cd/m<sup>2</sup>)
- \* M : 9~36V DC input version

### Diverse Power Inputs

PPC- 3708 supports diverse power inputs which easily adapts to industrial environments.



### IQ Mount Supporting List



### Options

RK-084MS-R10	Rack mount kits
ARM-11-RS	LCD monitor Arm
STAND-100-RS/STAND-150-RS	LCD monitor Stand
DK-084MS	Din mounting Kits

1  
Application  
Server  
Platform

2  
Single  
Board  
Computer

3  
IBX Series  
POS PC

4  
AFOLUX  
POS  
Panel PC

5  
Video  
Capture  
Card

6  
KAMIO  
RISC

7  
IOVU  
Open HMI

8  
VITO  
Universal  
Controller

9  
DINO  
BLADE

10  
LCD  
Product  
Series

11  
Embedded  
System

12  
Industrial  
Computer  
Chassis

13  
Power  
Supply

14  
Peripherals