***Display System***

## w w w . i ei w or l d .c om

**8.4” Industrial Panel PC**

Intel® Atom™ N2600 Dual-Core Processor

PPC-3708A-N26

***Features***

* 8.4" 450 nits high brightness TFT LCD with LED backlight
* Dual Ethernet provides continuous network service and allows sharing among different workgroups in two different subnets
* Robust aluminum front bezel and metal casing
* IP 66 compliant front panel
* IEI One Key Recovery solution allows you to create rapid OS backup and recovery (over 4GB storage capacity suggested)

# *Specifications*



|  |  |
| --- | --- |
| **Model** | **PPC-3708A-N26** |
| Display | LCD Size | 8.4” |
| Max Resolution | 800(W) x 600(H) |
| Brightness (cd/m²) | 450 |
| Contrast Ratio | 600:1 |
| LCD Color | 262K |
| Pixel Pitch (mm) (HxV) | 0.213(H) x 0.213(V) |
| Viewing Angle (V/H) | 140°/160° |
| Backlight MTBF (hrs) | 50000 (LED backlight) |
| Touch | Touchscreen | 4-wire resistive type with RS-232 interface |
| Touch Controller | EETI MBMER4040CPBG |
| Motherboard | SBC | NANO-CV-N26001 |
| CPU | Intel® Atom™ N2600 dual-core processor 1.6GHz |
| Chipset | Intel® NM10 |
| RAM | One 204-pin SO-DIMM socket, supporting DDR3 800MHzmodule for up to 2GB |
| Ethernet | Realtek RTL8111E PCIe GbE controller supporting ASF 2.0 |
| Audio Codec | Realtek ALC662 HD audio codec |
| I/O Ports and Switches | 2 x RS-2321 x RS-422/4852 x RJ-45 for LAN port 2 x USB 3.02 x USB 2.01 x HDMI1 x VGA port1 x Line-in, Line-out, Mic-in 1 x DC power input jack1 x Power switch |
| Drive Bay | HDD Driver Bay | 1 x 2.5” SATA HDD bay |
| SSD | 1 x mSATA (SATA2 signal) |
| Expansion Slot | 1 x PCIe Mini card |
| Physical | Front Panel Contruction | Aluminum die-casting |
| Chassis Construction | Heavy-duty steel (SECC) |
| Mounting | Panel, wall, rack, stand and arm (VESA 100 mm x 100 mm) |
| Front Panel Color | Silver (Pantone 8001C) |
| Dimensions (WxHxD) (mm) | 244 x 175 x 86.5 |
| Cut Out Dimensions (WxH) (mm) | 233 x 167 |
| Net/Gross Weight | 2.2 kg / 4.4 kg |
| System Cooling | Fanless |
| Environment | Operating Temperature | -10°C ~ 50°C |
| Storage Temperature | -20°C ~ 60°C |
| IP Rating | IP66 compliant front panel |
| Vibration | 5~17Hz, 0.1 double amplitude displacement 17~640Hz 1.5G acceleration peak to peak |
| Shock | 10G acceleration part to part (11ms) |
| Power Supply | Power Input | 9-28V DC Input |
| Power Adapter | P/N: 63040-010060-110-RS60W power adapter (Meets PSE) Input: 90VAC~264VAC, 50/60HzOutput: 12VDC |

Versatile Mounting Methods

## w w w . i ei w or l d .c om

  

 **Wall Mount Stand Rack Moun**

**t**

 **Panel Mount**

# *Ordering Information*

|  |  |
| --- | --- |
| **Part No.** | **Description** |
| PPC-3708A-N26/R/2G-R12\* | 8.4” 450 cd/m² SVGA panel PC with Intel® Atom™ N2600 1.6GHz processor, 2GB DDR3 RAM, touchscreen, 9 V~28 V DC input, RoHS |

\* PPC supports 9-28V DC input with 4-pin DC jack. Standard product inculdes 12V DC adapter. For terminal block solution, please contact sales team.

# *Packing List*

|  |  |  |
| --- | --- | --- |
| **Item** | **Part No.** | **Description** |
| Screw Kit | 19600-000205-RS |  |
| Power Cord | 63040-010060-040-RS | European standard, 1830 mm, plug (16A, 250V), connector (10A, 250V) |
| Power Adapter | 63040-010060-110-RS | 60W, 90VAC~264VAC for PPC-3708A-N26 |
| PS/2 Cable | 32006-000300-100-RS | 1 x MINI DIN 6-pin male; 2 x MINI DIN 6-pin female |
| Panel Mounting Kit | 19Z00-000026-RS | 19Z00-000026-RS x8 |
| Wall Mounting Kit | 41014-057602-00-RS | Ultra set plate |
| 41020-016102-00-RS | Wall mount bracket |
| IEI One Key Recovery CD | IEI-7B000-000478-RS |  |
| Touchscreen Driver CD / Touch Pen |
| User Manual & Driver CD |

***IQ Mounting Options***

|  |  |
| --- | --- |
| **Item** | **Part No.** |
| Arm | ARM-11-RS |
| Stand | STAND-100-RS |

***Options***

1 x RS-232

1 x RS-422/ 485

1 x Line-out

1 x Line-in

1 x Mic

DC Input

VGA

|  |  |  |
| --- | --- | --- |
| **Item** | **Part No.** | **Description** |
| RS-422/485 Cable | 32205-004900-100-RS | 1. D-sub 9-pin male
2. DU PONT 2\*7P, P=2.0, female
 |
| HDD IDE Cable | 32221-000200-100-RS | 100 mm, IDE 44-pin |
| Wi-Fi Module | EMB-WIFI-KIT01-R20 | 1T1R wifi module kit for embedded system, IEEE802.11a/b/g/n/ac WiFi with Bluetooth 4.0/3.0+HS, 1 x wifi module, 2 x 250mm RF cable, 2 xAntenna, RoHS |

HDMI



2 x LAN

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |  |
| 2 x USB 2.0 |



2 x USB 3.0

Power Switch



***Display System***

***PPC-3708A-N26***

***Dimensions***

***(Unit: mm)***