

8.4" Industrial Panel PC

PPC-3708A-N26

Intel® Atom™ N2600 Dual-Core Processor **Fanless New**

PPC-3708A-N270

Intel® Atom™ N270 Processor **Fanless**

PPC-3708GS-945

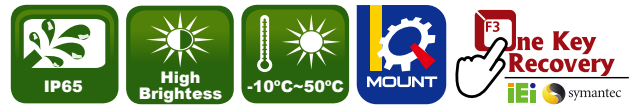
Intel® Core™2 Duo Processor with Intel® 945GME Platform



Specifications

Features

1. 8.4" 450 nits high brightness TFT LCD with LED backlight
2. Dual Ethernet provides continuous network service and allows sharing among different workgroups in two different subnets
3. Robust aluminum front bezel and metal casing
4. IP 65 compliant front panel
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery (Over 4GB storage capacity suggested)



1
IEI Mobile Solutions

2
Automation Panel Solutions

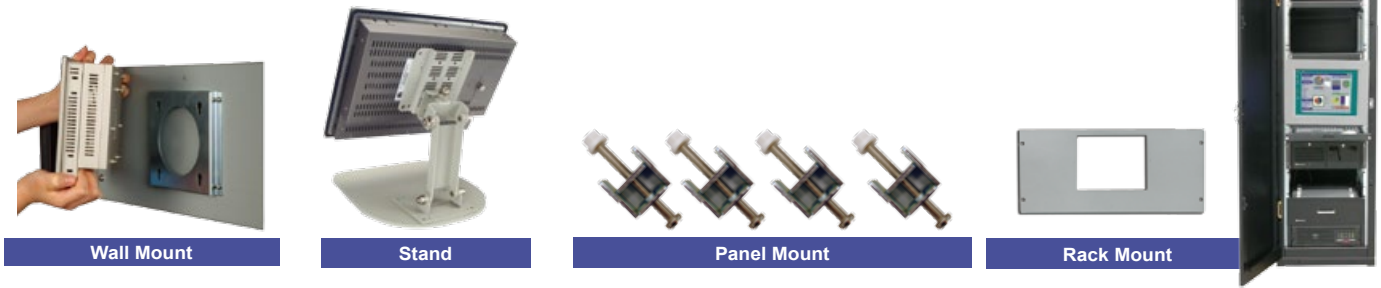
3
RISC-based Solutions

4
PACSmart Medical Solutions

5
Optional Peripherals

Model		PPC-3708A-N26	PPC-3708A-N270	PPC-3708GS-945
Display	LCD Size	8.4 "		
	Max Resolution	800(W) x 600(H)		
	Brightness (cd/m ²)	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	Touch screen	Resistive Type 4-Wire with RS-232 interface		
	Touch controller	EETI MBMER4040CPBG		
Motherboard	SBC	NANO-CV-N26001	NANO-945GSE-N270	NANO-9452
	CPU	Intel® Atom™ N2600 dual-core processor 1.6GHz	Intel® Atom™ process N270 1.6GHz CPU	Socket M Intel® Core™2 Duo, Core Duo, Core Solo with 667MHz FSB Intel® Celeron® M 533MHz FSB
	Chipset	Intel® NM10	Intel® 945GSE + ICH7M	Intel® 945GME + ICH7M
	RAM	One 204-pin SO-DIMM socket, supporting DDRIII 800MHz modules for up to 2GB	One 204-pin SO-DIMM socket, supporting DDR2 533MHz modules for up to 2GB	One 204-pin SO-DIMM socket, supporting DDR2 400/533/667MHz modules for up to 2GB
	Ethernet	Realtek RTL8111E PCIe GbE controller supporting ASF 2.0	Realtek RTL8111E PCIe GbE controller supporting ASF 2.0	Realtek RTL8111E PCIe GbE controller supporting ASF 2.0
	Audio Codec	Realtek ALC662 HD audio codec	Realtek ALC655 AC'97 audio codec	Realtek ALC655 AC'97 audio codec
I/O Ports and Switches		2 x RS-232 1 x RS-422/485 2 x RJ-45 for LAN Port 2 x USB 3.0 2 x USB 2.0 1 x HDMI 1 x VGA Port 1 x Line-in, Line-out, Mic-in 1 x 12VDC input Power Jack 1 x Power Switch	2 x RS-232 1 x RS-232 (Alternative to RS-422/485) 2 x RJ-45 for LAN Port 2 x USB 2.0 1 x VGA Port 1 x Line-in, 1 x Line-out, 1 x Mic-in 1 x PS/2 mouse and keyboard interface 1 x 12VDC input Power Jack 1 x Power Switch	2 x RS-232 1 x RS-232 (Alternative to RS-422/485) 2 x RJ-45 for LAN Port 2 x USB 2.0 1 x VGA Port 1 x Line-in, 1 x Line-out, 1 x Mic-in 1 x PS/2 mouse and keyboard interface 1 x 12VDC input Power Jack 1 x Power Switch
			1 x 2.5" SATA HDD Bay	
Drive Bay	HDD Driver Bay	1 x mSATA		
	SSD	1 x PCIe Mini card		
Expansion Slot		1 x PCIe Mini card	1 x PCIe Mini card	1 x PCIe Mini card
Connectivity	Wireless	IEEE 802.11b/g/n 2T2R module (WIFI-RT5392-SB-R10) Optional		
Physical	Construction Front Panel	Aluminum Die-casting		
	Chassis Construction	Heavy-duty Steel (SECC)		
	Mounting	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm		
	Front Panel Color	Silver (Pantone 8001C)		
	Dimensions (WxHxD) (mm)	244 x 175 x 86.5	244 x 178 x 80.2	244 x 178 x 80.2
	Cut Out Dimensions (WxH) (mm)	233 x 167	233 x 167	233 x 167
	Net /Gross Weight	2.2Kg/ 4.4Kg	2.2 Kg / 4.4 Kg	2.2 Kg / 4.4 Kg
System Cooling		Fanless	Fanless	Active with Fan
Environment	Operation Temperature	-10°C ~ 50°C	-10°C~50°C	-10°C~50°C
	Storage Temperature		-20°C~60°C	
	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 Adapter	P/N: 63040-010060-050-RS 60W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	P/N: 63040-010060-050-RS 60W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	P/N: 63000-FSP084DMBA1308-RS 84W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC

Versatile Mounting Method



Ordering Information

Part No.	Description	
Intel® Atom™ N2600 PPC-3708A-N26/R/2G-R10	8.4" 450 cd/m ² SVGA Panel PC with Intel® Atom™ N2600 1.6GHz processor, 2GB DDR3 RAM, and touch screen, 9~28VDC input, RoHS	
Intel® Atom™ N270 PPC-3708A-N270/R/1G-R21	8.4" 450 cd/m ² SVGA Panel PC with Intel® Atom™ N270 1.6GHz/ 512KB L2 cache processor, 1GB DDR2 RAM, touch screen, 12VDC input. R21, RoHS	
Intel® 945GME	PPC-3708GS-945-C4/R/1G-R30	8.4" 450 cd/m ² SVGA TFT Panel PC with NANO-9452, C-M 1.86GHz, Silver color, T/S, 1GB DDR2 RAM, R30, RoHS
	PPC-3708GS-945-T5/R/1G-R30	8.4" 450 cd/m ² SVGA TFT Panel PC with NANO-9452, Intel® Core™ Duo 1.66GHz T5500, Silver color, T/S, 1GB DDR2 RAM, R30, RoHS

Packing List

Item	Part No.	Description
Fan Module	19FRDL5010B5-000001-RS	+5V, 50*50*10MM, FOR PPC-2708GS-LX800 (Please install the fan under -10°C~50°C with HDD operating environment)
Screw Kit	19600-000205-RS	
Power Cord	63040-010060-040-RS	EUROPEAN Standard , 1830MM, PLUG(16A 250V), CONNECTOR (10A 250V)
Power Adapter	63040-010060-050-RS	84W, 90VAC~264VAC for PPC-3708A-N270 & PPC-3708A-N26
	63000-FSP084DMBA1308-RS	84W, 90VAC~264VAC for PPC-3708GS-945
PS/2 Cable	32006-000300-100-RS	1 x MINI DIN 6PIN MALE; 2 x MINI DIN 6PIN FEMALE
Panel Mounting Kit	19Z00-000026-RS	
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	
Touch Screen Driver CD / Touch Pen		
User Manual & Driver CD		

IQ Mounting Options

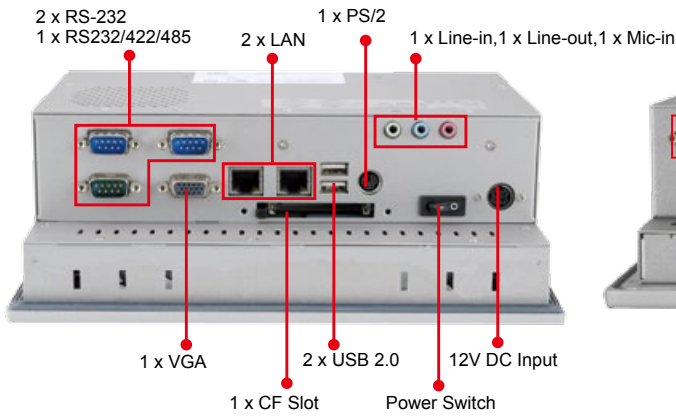
Item	Part No.
Rack Mount Kit	RK-084MS-R10
ARM	ARM-11-RS
STAND	STAND-100-RS

Options

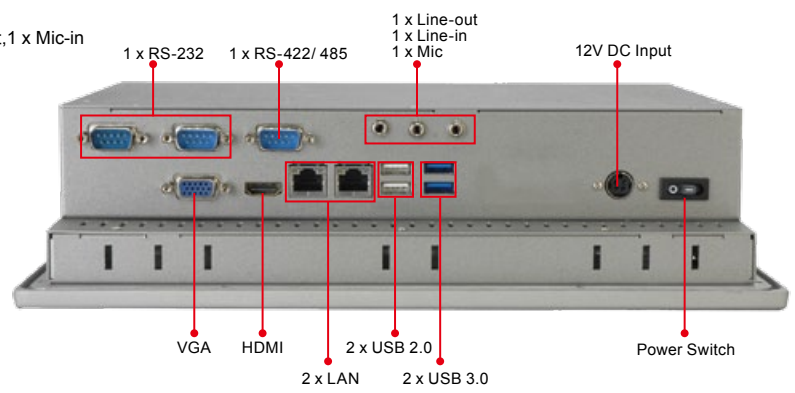
Item	Part No.	Description
RS-422/485 Cable	32200-075202-RS	(A) D-SUB 9PIN MALE (B) DU PONT 2*7P P=2.0 FEMALE
HDD IDE Cable	32221-000200-100-RS	100MM, IDE 44-pin
Wi-Fi module	PPC-WL-KIT02-R10	Wi-Fi module with RF cable and antenna, 2T2R, 802.11 b/g/n for PPC-37xxA-N26 series

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- 2 Automation Panel Solutions
- 3 RISC-based Solutions
- 4 PACSmate Medical Solutions
- 5 Optional Peripherals

PPC-3708A / PPC-3708GS
Fully Integrated I/O



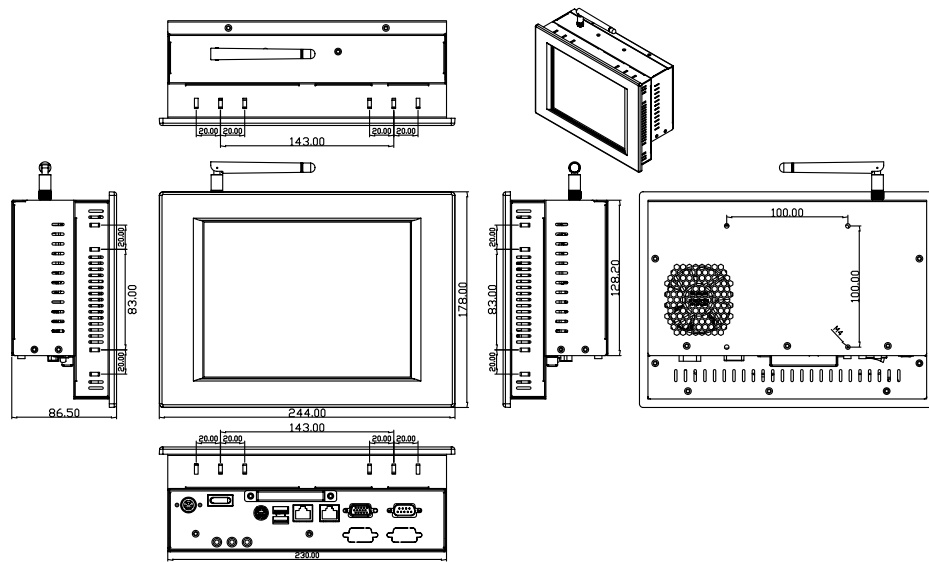
PPC-3708A-N26
Fully Integrated I/O



PPC-3708A / PPC-3708GS

Dimensions

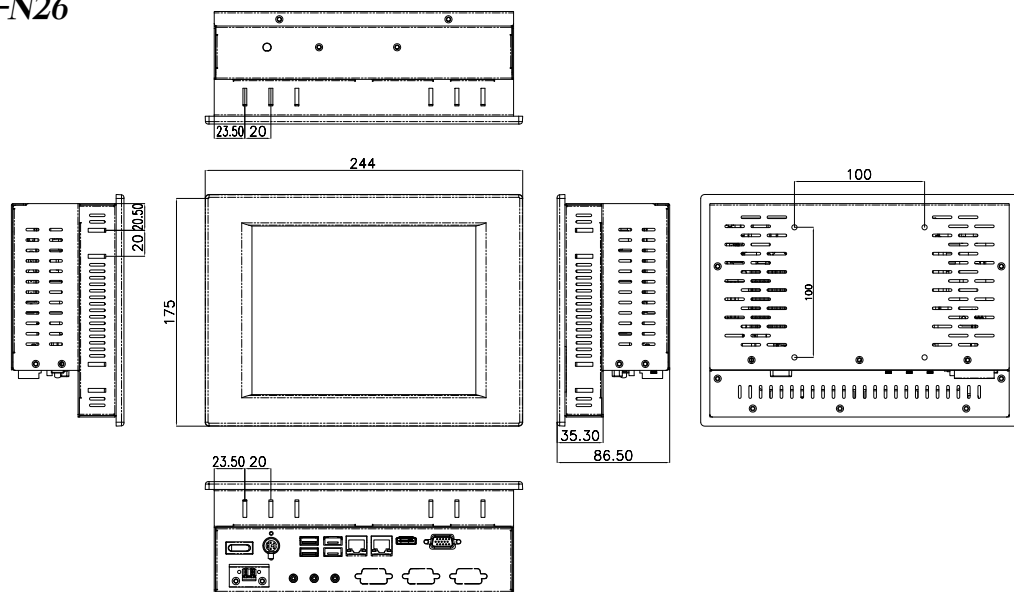
(Unit: mm)



PPC-3708A-N26

Dimensions

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