

PPC-3712A-N270

Intel® Atom™ N270 Processor



Features

- » 12.1" 500 nits high brightness TFT LCD with LED backlight
- » Dual Gigabit Ethernet provides continuous network service and allows sharing among different workgroups in two different subnets
- » Optional 802.11b/g/n wireless kit
- » One slim type CD-ROM drive bay
- » Robust aluminum front bezel and metal casing
- » IP 65 compliant front panel

Specifications

| | |
|---------------------------------|---|
| Display | |
| Backlight MTBF(hrs) | 50000 |
| Brightness(cd/m2) | 500 |
| Contrast Ratio | 700 : 1 |
| LCD Size | 12.1" |
| Max Resolution | 1024(W) x 768(H) |
| Environment | |
| Humidity | 10% to 95% (non-condensing) |
| Operating Temperature | -10°C~50°C |
| Storage Temperature | -20°C~60°C |
| Expansion Slots | |
| Expansion Slots | 1 x PCIe Mini card |
| I/O Interface | |
| I/O Ports and Switches | 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 |
| RAM | One 200-pin SO-DIMM socket, supporting DDR2 533MHz module |
| | for up to 2GB |
| LCD | |
| LCD Color | 262K |
| Pixel Pitch (mm) | 0.3075mm x 0.3075mm |
| Viewing Angle (H-V) | 160° / 160° |
| Other Features | |
| System Cooling | Fanless |
| Physical Characteristics | |
| Cutout Dimensions | 313 x 233 |
| Dimensions (LxWxH) (mm) | 340 x 277 x 73.4 |
| Power | |
| Power adapter | P/N: 63040-010060-110-RS |

| | |
|----------------------|---|
| | 60W power adapter (Meets PSE) |
| | Input: 90VAC~264VAC, 50/60Hz |
| | Output: 12VDC |
| System | |
| Chipset | Intel® 945GSE + ICH7M |
| CPU | Intel® Atom™ N270 1.6GHz CPU |
| HDD | 1 x 2.5" SATA HDD bay |
| SSD | 1 x mSATA (SATA2 signal) |
| Touch | |
| Touch Controller | EETI MBMER4050CMBG |
| Touch Screen | 5-wire resistive type with RS-232 interface |
| Weight | |
| Weight | 6 kg / 8kg |
| I/O Interface | |
| I/O Interface | 1 x Power Switch |
| | 1 x Mic |
| | 1 x Line out |
| | 1 x Line in |
| | 2 x LAN(RJ-45) |
| | 1 x Power In(12V DC jack) |
| | 2 x RS-232 |
| | 1 x RS-422/485 |
| | 2 x USB2.0 |
| | 1 x VGA |
| | 1 x PS/2 |

Ordering Information

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|-------------------------|--|
| PPC-3712A-N270/R/1G-R23 | 12.1" 500 cd/m ² XGA Panel PC with Intel® Atom™ N270 1.6GHz/ 512KB L2 cache processor, 1GB DDR2 RAM, and resistive touch screen, 12VDC input, R23, RoHS |
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Packing List

| | |
|-------------------|---------------|
| 1 x Power Adpater | 1 x Screw Kit |
| 1 x Touch Pen | |