

# KPC-1530/1730

Fanless Industrial Panel PC with  
Intel® Atom N270 + Intel® 945GSE/ ICH7-M



- 15"/17" TFT LCD Display with Resistive 5-wire TouchScreen
- Intel® Atom™ Processor N270
- Intel® 945GSE / ICH7-M
- IP65 approved front bezel
- 1x PCI Slot and 1x Mini PCI Slot Expansion
- 1x GbE, 4x COMs, 4x USB ports, VGA, HD Audio



## Product Overview

The KPC-1530/1730 Panel PCs is combining the latest Intel 45nm Intel® Atom™ processor with the high integration of the Intel® 945GSE/ ICH7-M chipset for a wide range of industrial applications. Storage includes a 2.5" SATA hard drive or a solid-state drive (SSD), and slim optical drive. Supported interfaces include a GbE LAN, HD audio, 4x

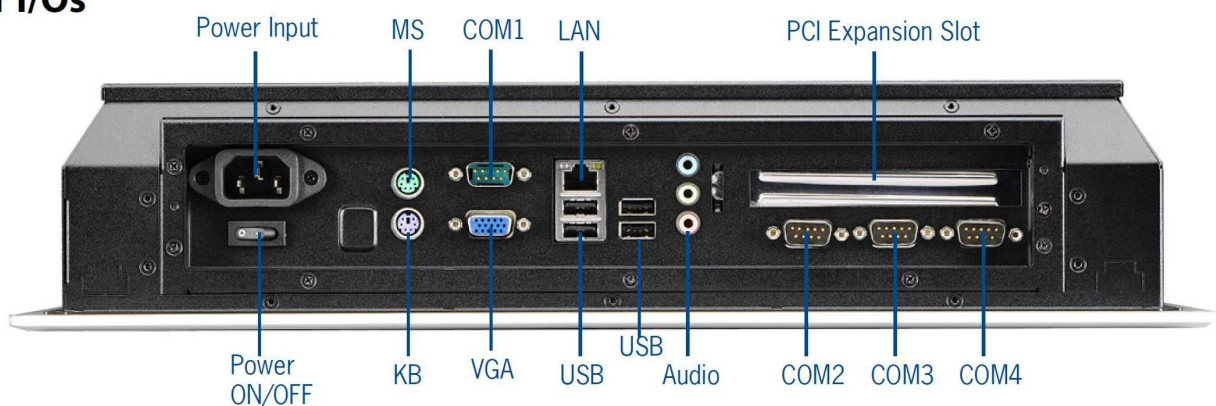
serial ports, USB 2.0 ports, PCI slot, and Mini PCI slot, thus easily meeting a broad range of customer requirements. The KPC series provide a compact, high performance human-machine interface, with optimal shock, vibration and temperature resistance for tough industrial demands.

## Technical Information

| System           |   |                       |
|------------------|---|-----------------------|
| CPU              | Intel® Atom™ Procsssor N270   |                       |
| Chipset          | Intel® 945GSE/ICH7-M  |                       |
| Memory           | 1x DDR2 400/533 SO-DIMM Socket, up to 2GB                                     |                       |
| Internal Storage | 1x 2.5" SATA HDD or 1x SSD  |                       |
|                  | 1x Slim DVD-ROM   |                       |
| Expansion slots  | 1x PCI slot,  |                       |
|                  | 1x Mini PCI slot  |                       |
| Cooling          | Fanless   |                       |
| Material         | Aluminum front bezel & SECC chassis   |                       |
| I/O              | 1x GbE, RJ-45   |                       |
|                  | 4x USB 2.0  |                       |
|                  | 1x VGA (DB-15)  |                       |
|                  | 4x COMs with 5V/12V Power Selection<br>(COM1 RS-232/422/485, COM2/3/4 RS-232) |                       |
|                  | 1x PS/2 Keyboard Connector  |                       |
|                  | 1x PS/2 Mouse Connector   |                       |
|                  | 1x Power On/Off Switch  |                       |
|                  | 1x Power Connector  |                       |
|                  | Mic-in, Line-in, Line-out   |                       |
|                  |   |                       |
| LCD Display      |   |                       |
|                  | KPC-1530  | KPC-1730              |
| Display type     | 15" TFT LCD   | 17" TFT LCD           |
| Resolution       | XGA (1024 x 768)  | SXGA (1280 x 1024)    |
| Brightness       | 250 cd/m <sup>2</sup>   | 300 cd/m <sup>2</sup> |
| Touch Screen     | 5-wire Resistive Type   | 5-wire Resistive Type |

| Network                                |  |                               |
|--|--|-------------------------------|
| Wireless LAN                           | Wireless LAN 802.11b/g (optional)                        |                               |
| On-board LAN                           | 1x Gigabit Ethernet                                      |                               |
| Size and weight                        |  |                               |
|  | KPC-1530   | KPC-1730                      |
| Dimensions                             | 410 x 315 x 82 mm (W x H x D)                            | 442 x 354 x 91 mm (W x H x D) |
| Weight                                 | 6.4 kg   | 8.5 kg                        |
| Power Input                            |  |                               |
| AC 100-240V(Optional DC-12V or DC-24V) |  |                               |
| Mounting Type                          |  |                               |
| VESA, Panel Mount                      |  |                               |
| Environmental Specification            |  |                               |
| Temperature                            | Operating: 0°C to 45°C (CF, SSD), 0°C to 40°C (2.5" HDD) |                               |
|  | Storage: 0°C to 70°C, 10%-85% rel. hum., non-condensing  |                               |
| Compliant                              |  |                               |
| CE, FCC Class A, IP65 front bezel      |  |                               |

## Rear I/Os



## Product Information

| Article  | Description   |
|----------|---|
| KPC-1730 | 17" Fanless Touch Panel PC- Intel® Atom™ Procsssor N270 |
| KPC-1530 | 15" Fanless Touch Panel PC- Intel® Atom™ Procsssor N270 |