

# ••• KPC-1590/1790

15"/17" Industrial Panel PC with Intel® GM45 + ICH9-M



- 15"/ 17" TFT LCD Display with Resistive 5-wire TouchScreen
- CPU Support
  - Intel® Core™2 Duo Mobile Processor T9400
  - Intel® Celeron® Mobile Processors T1700
  - Intel® Celeron® Mobile Processors 575
- Intel® Graphics Media Accelerator 4500MHD supports
- IP65 approved front bezel
- 1x GbE, 2x COMs, 2x USB ports, Digital I/Os
- DVI-I, HDMI, HD Audio

## Product Overview

The KPC-1590/1790 Panel PCs is supporting the latest Intel® 45nm Core 2 Duo processor with the high integration of the Intel® GM45/ ICH9M chipset. Featured are DDR3 SODIMM up to 2GB, Intel® GMA 4500MHD supports DirectX 10 and Shader Model 4.0. 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

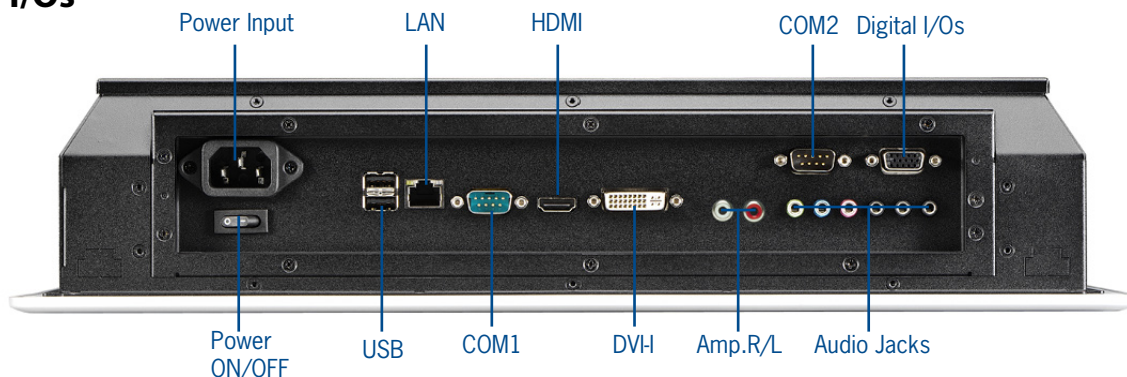
audio, 2x serial ports, USB 2.0 ports, DVI-I and HDMI, thus easily meeting a broad range of customer requirements. The KPC series provide a compact, high performance human-machine interface, with optimal shock, vibration and temperature resistance for tough industrial demands.

## Technical Information

System	
CPU Support	Intel® Core™2 Duo Mobile Processor T9400 Intel® Celeron® Mobile Processors T1700 Intel® Celeron® Mobile Processors 575
Chipset	Intel® GM45 + ICH9-M
Memory	1 x DDR3 800/1066MHz SO-DIMM Socket, up to 2 GB
Internal Storage	1x 2.5" SATA HDD or 1x SSD 1x Slim DVD-ROM
Cooling	CPU and system fan
Material	Aluminum front bezel & SECC chassis
I/O	1x GbE, RJ-45 2x USB 2.0 1x HDMI 1x DVI-I 2x COMs with 5V/12V Power Selection (COM1 RS-232/422/485, COM2 RS-232) 4x Digital Input/Output, DB-9 female Connector 1x Power On/Off Switch 1x Power Connector 7.1 Channel Audio Jacks (Line Out, Line In, Mic In, Side Surround, CEN/LFE Output, Back Surround) 2x RCA Audio Jacks (2W+2W Amplifier)

LCD Display	KPC-1590	KPC-1790
Display type	15" TFT LCD	17" TFT LCD
Resolution	XGA (1024x768)	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		
Dimensions	410 x 315 x 82 mm (W x H x D)	442 x 354 x 91 mm (W x H x D)
Weight	5.9 kg	8.2 kg
Power Input		
DC12V (Optional DC24V or AC 100-240V)		
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-1790	17" Touch Panel PC- Intel® Core 2 Duo 45nm Penryn support
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