

# Panel PC "MediaLine D"

## 12" and 15"

### PERFORMANCE

CPU (Intel®)		Core 2 Duo E4300: 2 × 1800 MHz E6400: 2 × 2133 MHz
	optional	Celeron D 440: 2000 MHz
System memory		1–4 GB DDR2
Internal power supply		250 Watt, 100–240 V <sub>AC</sub>

### LCDs

MediaLine 12"		800 × 600, 180 cd/m <sup>2</sup>
MediaLine 15"		1024 × 768, 250 cd/m <sup>2</sup>
Touchscreen	optional	resistive or SAW

### SYSTEM DESIGN

Board system class		"industrial grade"
Chipset		Intel® 945G, ICH7
Expansion slots		2 × PCI
Watchdog timer		on board
Ethernet		10/100 Mbit/s, RJ-45, wake-on-LAN support
Graphic		Dynamic Video Memory Technology
Audio		AC97 audio codec

### DRIVES

HDD		80 GB SATA (max. 1000 GB)
HDD type		3.5"
Solid state memory	optional	SSD
CD/DVD ROM	optional	slim type
DVD writer	optional	slim type

### INTERFACES

RS-232		Com1 (Pin9: 5V/12V) Com3 (internal for Touch) Com4 (Pin9: 5V/12V)
RS-232/422/485		Com2 (Pin9: 5V/12V)
Parallel		1
IDE / FDD external		1 × FDD
USB rear		2
PS/2		2
LAN		1 × RJ-45
Graphic		1 × VGA
Other		audio-I/O, DIO port, 5V/12V DC-out

### CONSTRUCTION

Dimensions		see datasheet page 2
Material		heavy-duty steel chassis in ABS/PC housing
Color		12" black, 15" light grey
Mounting		75 × 75 mm VESA, lateral mounting brackets, 45°–90° free standing
Ventilation		CPU and powersupply fan

### QUALITY / TESTS

Burn-in stress test		min. 24 hours
Climatic stress test		40° C ambient temp.
Customer specific tests		optional
Production		ESD protected
Quality management		acc. to ISO 9001:2000
Operating temperature		0–45° C
Warranty		24 months



Picture shows version in light grey.  
12" Model basic version is black.

Since its introduction in 1998 thousands of units have been started up and are now operating as human-machine-interface all over the world with great reliability.

The CPUs and the LCD panels with low power consumption produce minimum waste heat. Durability and system stability benefit from these advantages.



The standard VESA interface on the back and the adjustable stand allow many different ways of installation. All inputs outputs are safely placed inside the stand.

### Model names:

12" Core 2 Duo                      MediaLine 12-D  
15" Core 2 Duo                      MediaLine 15-D



Errors and changes excepted

Version 2.8



**TL Electronic GmbH**  
Bgm.-Gradl-Str. 1  
85232 Bergkirchen-Feldgeding  
**Germany**  
Tel. / Fax +49 (0)8131 33204-0 / -150  
[www.tl-electronic.de](http://www.tl-electronic.de)

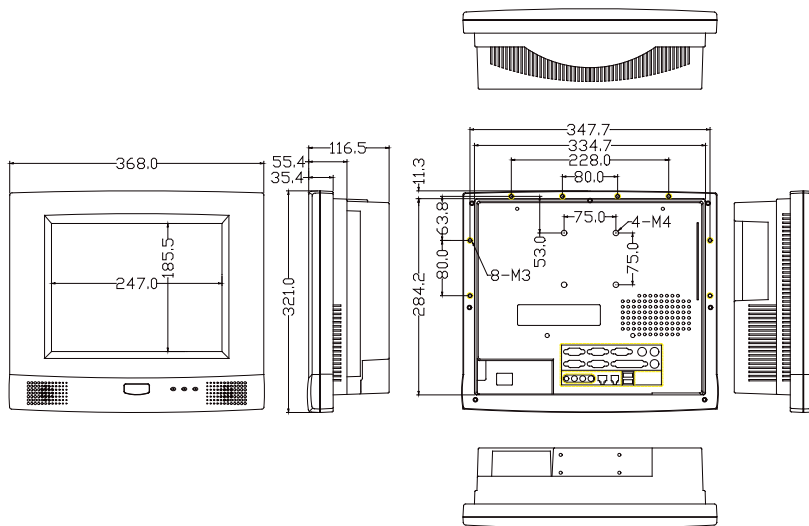
**TL Electronic GmbH Österreich**  
Grazer Str. 10  
8130 Frohnleiten  
**Austria**  
Tel. / Fax +43 (0)3126 51100-0 / -50  
[www.tl-electronic.at](http://www.tl-electronic.at)

**TL Electronic GmbH Italy**  
Agency: MEBO srl  
via Carso 18, 10141 Torino  
**Italy**  
Tel. / Fax +39 0173 610561  
[www.tl-electronic.it](http://www.tl-electronic.it)

# Panel PC "MediaLine D"

## Dimensions

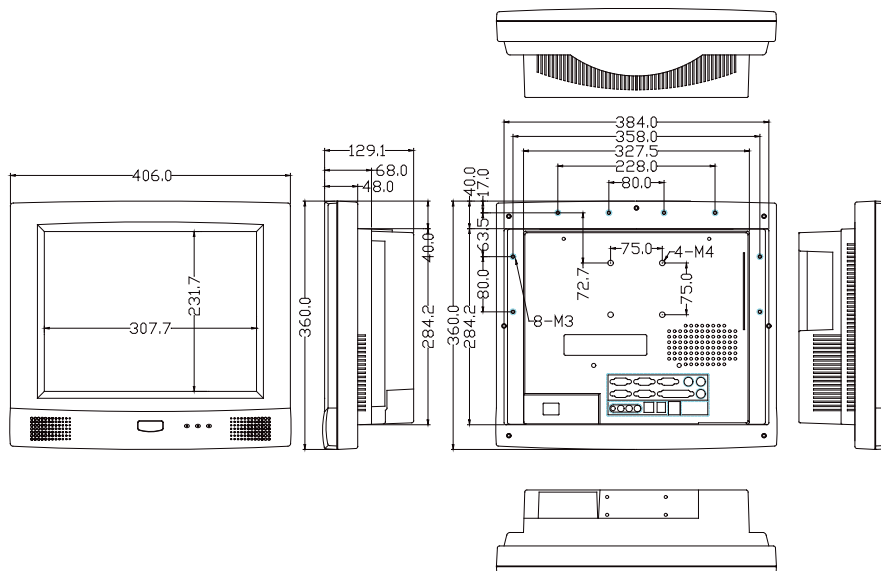
### 12" MediaLine:



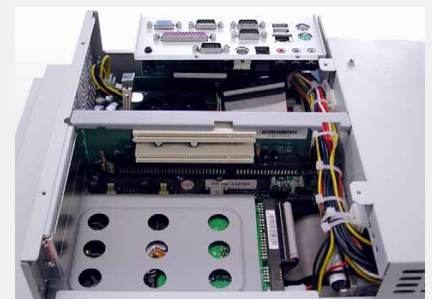
Optionally, the MediaLine can be equipped with FDD and CD/DVD (slim type). The standard version has two expansion slots.



### 15" MediaLine:



Underneath the fire proof plastic housing, the components are protected by a rugged sheet steel chassis. The power supply unit is integrated into the housing.



In series, cable routing is constantly effected in the same way. For further increasing the reliability of the panel PCs, as an additional security all cables and moving parts are tightly fixed.