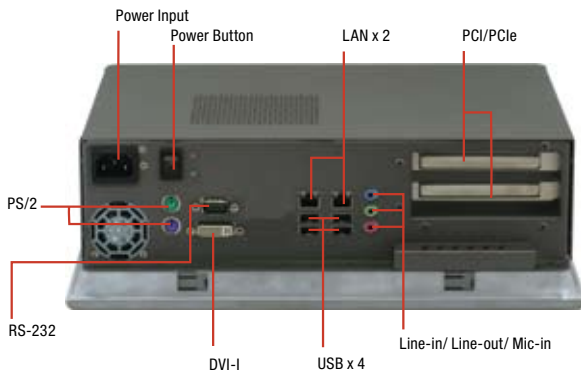


# AGP-3125

12.1" Rugged Touch Panel Computer With Intel® Core™ i7/i5/P4500 Processor



## Features

- 12.1" XGA (1024 x 768) TFT LCD Display
- Intel® Core™ i7/i5/P4500 Processor
- Easy-To-Expand: Two PCI/PCle Slots
- IP-65 Aluminum Die Cast Front Bezel
- Two Easy Access Front USB Ports
- 12.1" 500 Nits XGA LED Backlight  
12.1" 1000 Nits XGA LED Backlight
- Modular Design For CPU Board



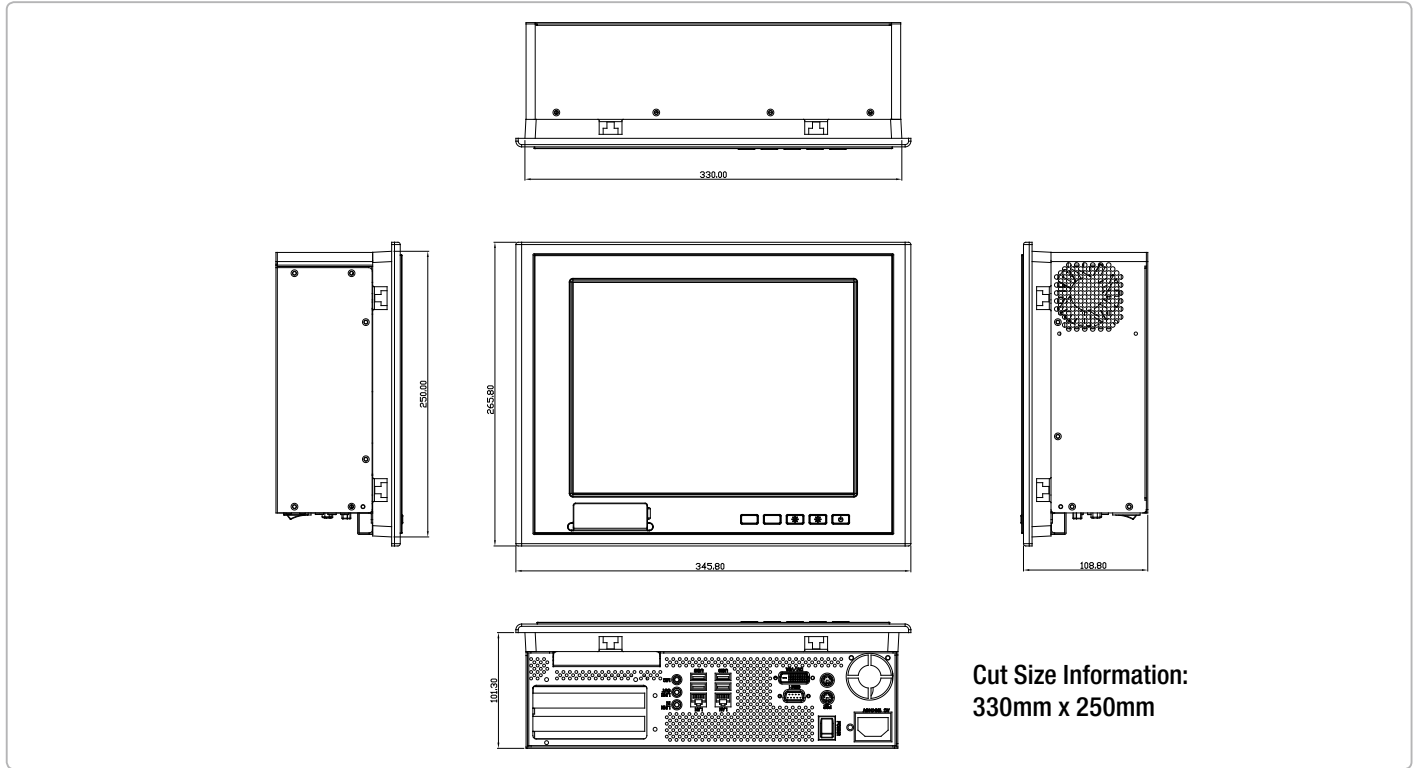
## Specifications

System	
Processor	Intel® Core™ i7/i5/P4500 Processor, Core™ i7 -620M, Core™ i5-520M, P4500
Memory	DDR3 800/1066MHz SODIMM x 2, up to 8 GB
Chipset	Intel® Core™ i7/i5 + QM57
LCD/CRT Controller	Integrated in Intel® QM57
Ethernet	10/100/1000Base-TX, RJ-45 x 2
I/O Port	USB2.0 x 6 (2 on front, 4 on rear), Line-out/MIC-in/Line-in x 1, PS-2 x 1 for KB/Mouse, DVI-I x 1, RS-232 x 1
Storage Disk Drive	2.5" SATA Hard Disk Drive x 1
Expansion Slot	Mini card x 1, PCI slot x 2 or PCIe x 2
OS support	Windows® XP, Windows® 7, Linux Fedora
Mechanical	
Construction	IP-65/ NEMA4 for aluminum die cast front bezel & Steel chassis
Mounting	Panel/ Desktop
Dimension	13.61" x 10.46" x 4.28" (345.8mm x 265.8mm x 108.8mm)
Carton Dimension	18.5" x 16.53" x 13.78" (470mm x 420mm x 350mm)
Gross Weight	15.86 lb (7.2 kg)
Net Weight	11.89 lb (5.4 kg)
Environmental	
Operating Temperature	32°F ~ 122°F (0°C ~ 50°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	10%~95% @ 40°C; non-condensing
Vibration	1 g rms/ 5~500 Hz/ Random operation (HDD)
Shock	20 G peak acceleration (11 msec. Duration)
EMC	CE/FCC Class A
Power Supply	
AC input 250W	110/230V AC power
LCD	
Display type	12.1" TFT-LCD
Max Resolution	1024 x 768
Max. Colors	16.2M
Luminance	HTT: 500 cd/m <sup>2</sup> , STT: 1000 cd/m <sup>2</sup>
Viewing Angle	HTT: 160°(H)/140°(V), STT: 160°(H)/140°(V)
Back Light	HTT: LED, STT: LED
Back Light MTBF (hours)	HTT: 50,000, STT: 60,000
Touchscreen	
Type	5-wire resistive
Light Transmission	80%
Lifetime (times)	35 Million activations

# AGP-3125

## Dimension

Unit: mm



## Ordering Information

Part Number	Display Type	Max Resolution	Luminance	View Angle	Backlight MTBF (Hours)	CPU	LAN	USB	RS-232	RS-485/422/232	Storage	RAM	Display	Expansion	Mounting	Power	Temp.	Touch
TF-AGP-3125HTT-A1-1010	12.1" TFT-LCD	1024 x 768	500 cd/m <sup>2</sup>	160(H), 140V	50,000	Intel® Core™ i7-620M/i5-520M/P4500	2	6	1	—	CF Kit x 1 SATA-HDD Kit x 1	—	DVI-I x 1	Mini Card x 1 PCI x 2	Desktop/ Panel	AC 110/230 V	0°C–50°C (w/o air)	5-wire resistive
TF-AGP-3125HTT-A2-1010	12.1" TFT-LCD	1024 x 768	500 cd/m <sup>2</sup>	160(H), 140V	50,000	Intel® Core™ i7-620M/i5-520M/P4500	2	6	1	—	CF Kit x 1 SATA-HDD Kit x 1	—	DVI-I x 1	Mini Card x 1 PCIe x 2	Desktop/ Panel	AC 110/230 V	0°C–50°C (w/o air)	5-wire resistive
TF-AGP-3125STT-A1-1010	12.1" TFT-LCD	1024 x 768	1000 cd/m <sup>2</sup>	160(H), 140V	60,000	Intel® Core™ i7-620M/i5-520M/P4500	2	6	1	—	CF Kit x 1 SATA-HDD Kit x 1	—	DVI-I x 1	Mini Card x 1 PCI x 2	Desktop/ Panel	AC 110/230 V	0°C–50°C (w/o air)	5-wire resistive
TF-AGP-3125STT-A2-1010	12.1" TFT-LCD	1024 x 768	1000 cd/m <sup>2</sup>	160(H), 140V	60,000	Intel® Core™ i7-620M/i5-520M/P4500	2	6	1	—	CF Kit x 1 SATA-HDD Kit x 1	—	DVI-I x 1	Mini Card x 1 PCIe x 2	Desktop/ Panel	AC 110/230 V	0°C–50°C (w/o air)	5-wire resistive

## Packing List

- Power Connector
- Mounting Brackets and Screws
- CD-ROM for Manual (in PDF Format) and Drivers
- AGP-3125

## Optional Accessories

- **1702031802**  
Power Cord (US Type)
- **1702031803**  
Power Cord (European Type)
- **170203180E**  
Power Cord (Japanese Type)
- **9761215303**  
Wireless b/g/n