

WIDS-515A-G41 / WIDS-517A-G41

15"/17" Quad Core Wireless Industrial Panel PC with
1 x PCI/PCIe Slot

**Wireless+Quad
Core+DDR3**

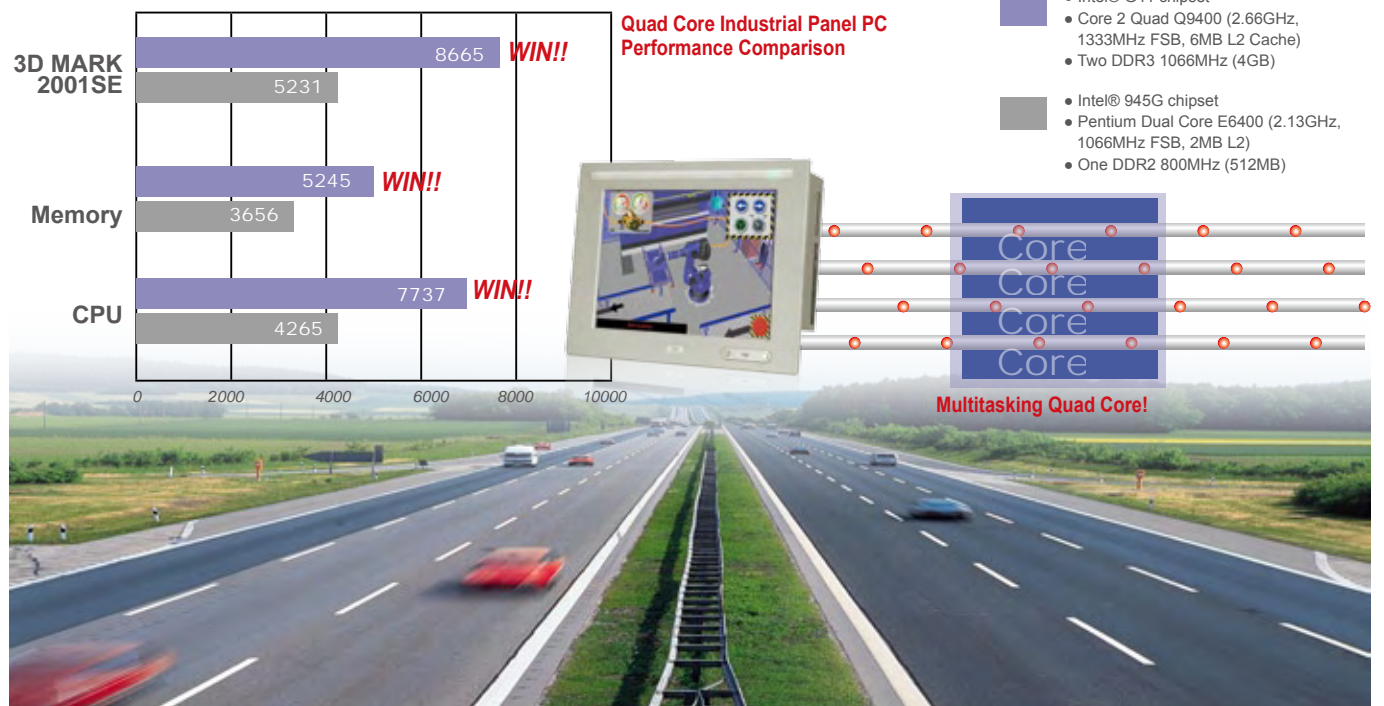
Key Features

- 15" and 17" Wireless Panel PC with touchscreen
- Embedded PIFA antenna and mini PCIe 802.11b/g/n wireless module
- Heavy-duty design with anti-rust chassis with aluminum front panel which meets IP65 standard
- Powered by high performance Intel® Core™2 Extreme/Quad/Duo and Celeron processor supports up to 1333MHz FSB with Intel® G41 chipset
- System memory supports dual channel DDR3 DIMM up to 4GB
- Offers one expansion slot for PCI/PCIe1 add-on cards
- Dual Gigabit Ethernet
- Versatile mounting solution: Panel/Wall/Rack/Stand mounting
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery



Easily upgrade to the quad core without additional mechanism rebuilding costs!

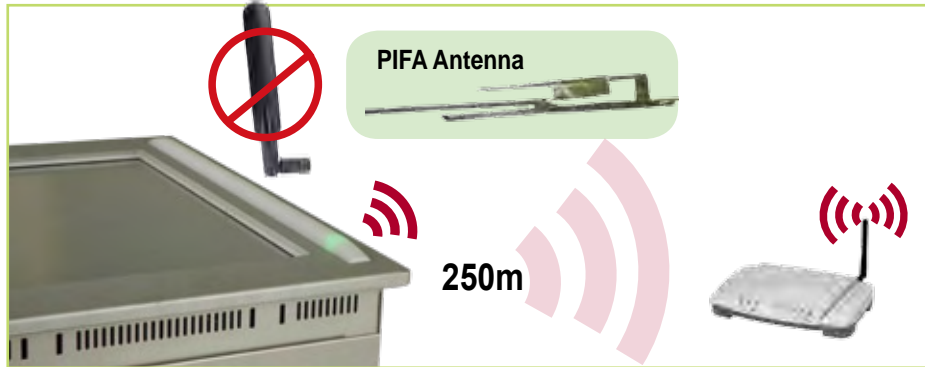
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Fast 802.11b/g/n Transmission

Efficient PIFA antenna

WIDS wireless technology utilizes the most efficient antenna type available on the market-PIFA (planar inverted-F antenna). This particular antenna creates an exceptionally uniform 3D signal sphere through its inverted-F design, which generates an omni-directional signal field.



Wireless 802.11a/b/g/n PCI-E MINI Card Preinstalled
Provides leading 802.11b/g/n performance supporting up to 300 Mbps physical data rates, which enables up to 10 times the throughput and more than twice the range of 802.11b/g solutions.

KIOSK Guiding System



Production Line Control Terminal



IP 65 Security Front USB Port

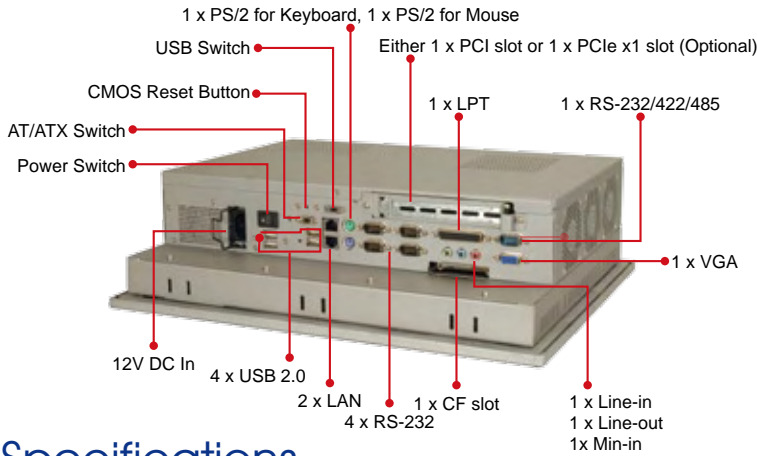
Designed for industrial use, WIDS waterproof front USB cover is based around the standard USB interface, with USB Ver.2 performance offering data transfer up to 480Mbps.



Front USB function switch allow user to enable or disable the front USB port function. Depends on application and security demands, the system administrator can easily make decision to release the front USB port or not.



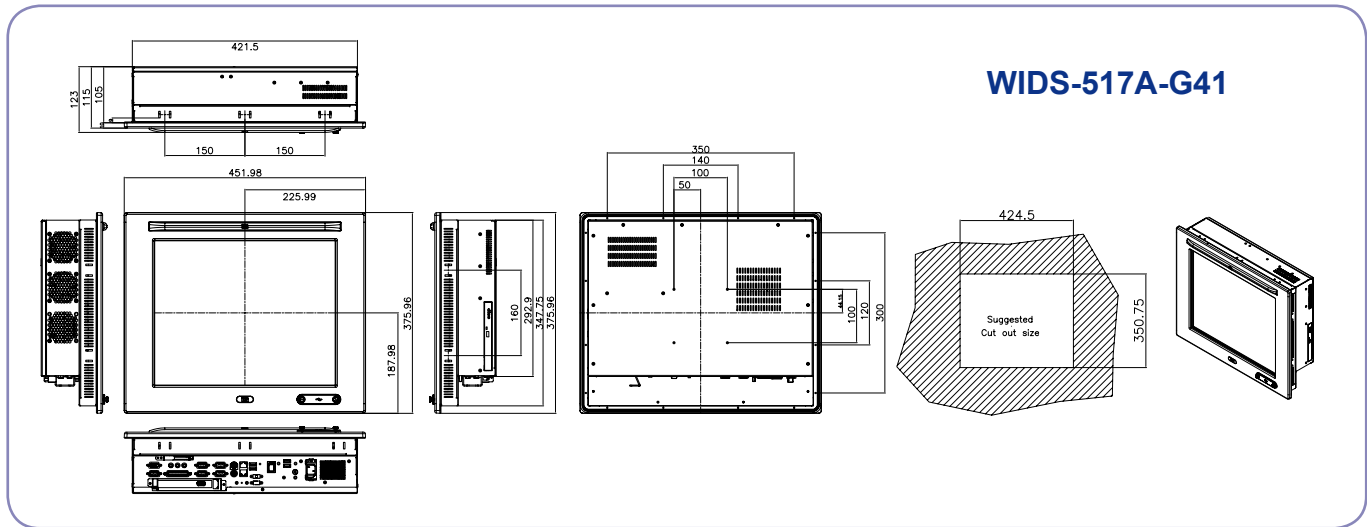
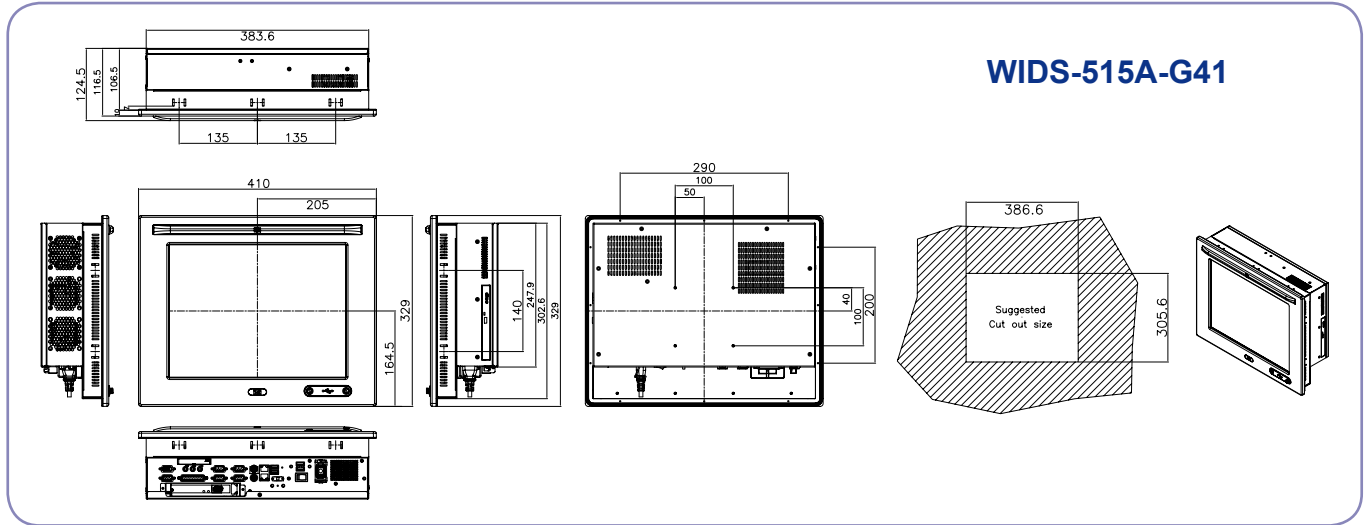
I/O Interface



Specifications

Model		WIDS-515A-G41	WIDS-517A-G41
Display	LCD Size	15"	17"
	Max Resolution	1024(W) x 768(H)	1280(W) x 1024(H)
	Brightness (cd/m ²)	350	380
	Contrast Ratio	700:1	1000 : 1 (Typ)
	LCD Color	16.2M	16.7M
	Pixel Pitch (mm)	0.297(H) x 0.297(V)	0.264(H) x 0.264(V)
	Viewing Angle (V-H)	125°/140°	160°/170°
	Backlight MTBF (hrs)	50,000	50,000
Motherboard	SBC Model	POS-G41-R10	POS-G41-R10
	CPU	LGA 775 Intel® Core™ 2 Extreme/Quad/Duo, Celeron with a 1333/1066/800MHz FSB support	LGA 775 Intel® Core™ 2 Extreme/Quad/Duo, Celeron with a 1333/1066/800MHz FSB support
	Chipset	Intel® G41 + Intel® ICH7	Intel® G41 + Intel® ICH7
	RAM	Supports two 800/1066MHz DDRIII DIMM (4GB Max.)	Supports two 800/1066MHz DDRIII DIMM (4GB Max.)
I/O Ports and Switches		4 x RS232 COM port	4 x RS232 COM port
		1 x RS-232/422/485 Port	1 x RS-232/422/485 Port
		2 x RJ-45 for LAN Port	2 x RJ-45 for LAN Port
		4 x USB 2.0	4 x USB 2.0
		1 x VGA Port	1 x VGA Port
		1 x Audio (Line-in, Line-out, MIC-in)	1 x Audio (Line-in, Line-out, MIC-in)
		1 x LPT	1 x LPT
		1 x PS/2 (KB/MS)	1 x PS/2 (KB/MS)
		1 x Power Switch	1 x Power Switch
		1 x AT / ATX Switch	1 x AT / ATX Switch
Driver Bay	HDD Driver Bay	1 x 2.5" SATA/IDE HDD bay with anti-shook	1 x 2.5" SATA/IDE HDD bay with anti-shook
	SSD	CF Type II	CF Type II
	CD-ROM Driver Bay	Slim Type CD-ROM Bay	Slim Type CD-ROM Bay
Extension Slot		1 x PCI slot	1 x PCI slot
		1 x PCIe Mini card (For Wireless 802.11 b/g/n module)	1 x PCIe Mini card (For Wireless 802.11 b/g/n module)
Physical	Construction Front Panel	Aluminum	Aluminum
	Construction Chasis	Heavy-duty Steel	Heavy-duty Steel
	Mounting Front Panel Color	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm Silver (Pantone 8001C)	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm Silver (Pantone 8001C)
	Dimension (WxHxD) (mm)	410 x 309 x 110.5	452 x 356 x 115
	Net Gross Weight	7 Kg / 11 Kg	8 Kg / 12 Kg
	Operation Temperature (°C)	-10°C ~50°C	-10°C ~50°C
	Environment Storage Temperature (°C)	-20°C ~60°C	-20°C ~60°C
	Vibration	5~17Hz, 0.1" double amplitude displacement 17~640Hz, 1.5G acceleration peak to peak	5~17Hz, 0.1" double amplitude displacement 17~640Hz, 1.5G acceleration peak to peak
Shoock	10G acceleration part to part (11ms)	10G acceleration part to part (11ms)	
Touch Screen		Resistive Type 5-Wire with RS-232 interface	Resistive Type 5-Wire with RS-232 interface
Power Supply	ATX AC-Input	AC Input ATX Power Supply - P/N: ACE-A622A-RS - 220W Power Supply - Input: 90VAC~264VAC, 50/60Hz - Output(max.): 3.3A@14A, 5V@16A, 12V@10A, -12V@0.8A	AC Input ATX Power Supply - P/N: ACE-A622A-RS - 220W Power Supply - Input: 90VAC~264VAC, 50/60Hz - Output(max.): 3.3A@14A, 5V@16A, 12V@10A, -12V@0.8A
	AC Input	DC Input ATX Power Supply - P/N: ACE-4520C-RS - 200W Power Supply - Input: 24VDC, 50/60Hz - Output(max.): 3.3A@12A, 5V@12A, 12V@15.4A, -12V@0.5A	DC Input ATX Power Supply - P/N: ACE-4520C-RS - 200W Power Supply - Input: 24VDC, 50/60Hz - Output(max.): 3.3A@12A, 5V@12A, 12V@15.4A, -12V@0.5A

Dimension (Unit: mm)



Options

Part Number	Description
19Z00-000112-RS	IDE CD-ROM Installation Kit (W/O IDE cable)
41019-0393C0-00-RS	IDE HDD Bracket
134D270-00-102-RS	PCIe x4 slot with PCIe x1 Signal Riser Card

Packing List

Item	P/N	Q'ty
User's Manual CD-ROM		1
SATA CD-ROM Cable	32801-005500-100-RS	1
Power Cord	32000-000002-RS	1
Panel Mount Kit	19Z00-000024-RS	1
Wall Mount Kit	41020-016102-00-RS	1
Touch Pen		1
Power Supply		1

Ordering Information

Screen Size	Power Supply	Model	Description
15" PPC	AC Input Power Supply	WIDS-515A-G41-E15/R/1G-R10	15" 350 cd/m ² XGA Wireless Panel PC with POS-G41, Celeron Dual Core E1500 2.2GHz CPU, 1GB DDR3 RAM, Silver color, PSU ACE-A618AP, touch screen, RoHS
		WIDS-515A-G41-Q94/R/1G-R10	15" 350 cd/m ² XGA Wireless Panel PC with POS-G41, Core 2 Quad Q9400 2.66GHz CPU, 1GB DDR3 RAM, Silver color, PSU ACE-A618AP, touch screen, RoHS
	DC Input Power Supply	WIDS-515AD-G41-E15/R/1G-R10	15" 350 cd/m ² XGA Wireless Panel PC with POS-G41, Celeron Dual Core E1500 2.2GHz CPU, 1GB DDR3 RAM, Silver color, PSU ACE-4520C, touch screen, RoHS
		WIDS-515AD-G41-Q94/R/1G-R10	15" 350 cd/m ² XGA Wireless Panel PC with POS-G41, Core 2 Quad Q9400 2.66GHz CPU, 1GB DDR3 RAM, Silver color, PSU ACE-4520C, touch screen, RoHS
17" PPC	AC Input Power Supply	WIDS-517A-G41-E15/R/1G-R10	17" 300 cd/m ² SXGA Wireless Panel PC with POS-G41, Celeron Dual Core E1500 2.2GHz CPU, 1GB DDR3 RAM, Silver color, PSU ACE-A618AP, touch screen, RoHS
		WIDS-517A-G41-Q94/R/1G-R10	17" 300 cd/m ² SXGA Wireless Panel PC with POS-G41, Core 2 Quad Q9400 2.66GHz CPU, 1GB DDR3 RAM, Silver color, PSU ACE-A618AP, touch screen, RoHS
	DC Input Power Supply	WIDS-517AD-G41-E15/R/1G-R10	17" 300 cd/m ² SXGA Wireless Panel PC with POS-G41, Celeron Dual Core E1500 2.2GHz CPU, 1GB DDR3 RAM, Silver color, PSU ACE-4520C, touch screen, RoHS
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