

Mini-Workstation Series

10.4" ~ 19" IP65 Mini-Workstation, Robust, Shock Resistance and OSD Function



Features

1. Aluminum front panel meets IP65 standard for tough working environment
2. Optional RS-232 interface touch screen
3. Robust chassis and retention kit protects against shock and vibration
4. Over 300cd/m² high brightness and 50000hrs MTFB long lifetime panel
5. Advanced thermal and air-flow design
6. Panel mount / Rack mount support

Advanced Features

IP65 Waterproof Aluminum front panel

IP65 protects against dust and water from a jet spray.



Optional RS-232 interface touch screen

MPC series provide RS-232 reserved port for touch screen. IEI MPC provides T-R model with high strength Fiber Glass Touch Screen for applications.



Optional RS-232 port

Analog VGA interface supports all CPU boards

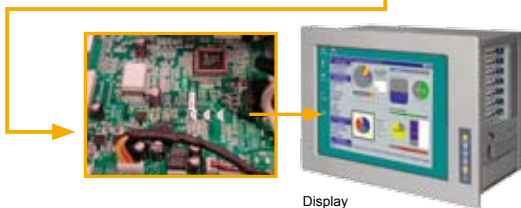
Almost Slot SBC systems have video output with analog VGA but without LVDS or TTL direct LCD panel interface. MPC series equipped with analog-digital convert board to support most flexible SBC graphic compatibility.



System VGA

Direct VGA Input

Analog-Digital converter board



Display

Robust chassis to against shocking and vibration

The chassis has as few parts as possible to provide the best protection against shock and vibration.



Complete Drive / IO support

Industrial workstations support 5.25" and 3.5" drives and a floppy drive.



Multi I/O connectors

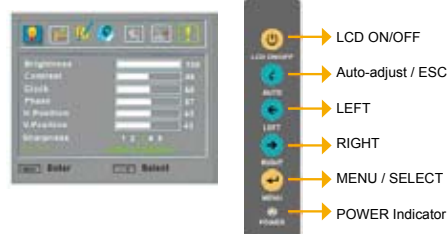
Advanced thermal and air-flow design

Thermal condition is the most important issue of new generation IPCs. IEI's new "Single Way" design provides you higher system performance capability and more flexibility for the environment.



Full OSD Function in the front panel

IEI MPC Series integrates full OSD function in the front panel, users can easily configure all monitor functions by the water proof OSD function keys. With the convenient function, user doesn't have to move the monitor or whole system to do the adjustment. The most benefits is using this OSD located in the front panel, user can change the brightness of LCD panel and extend the panel life.



- LCD ON/OFF
- Auto-adjust / ESC
- LEFT
- RIGHT
- MENU / SELECT
- POWER Indicator

1 Automation
2 Point of Service
3 Digital Signage
4 RISC-based Solutions
5 Medical Solutions

Mini-Workstation Selection Guide

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Automation



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Point of Service

3
Digital Signage

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RISC-based Solutions

5
Medical Solutions

	MPC-52GS	MPC-55GS	MPC-57GS	MPC-59GS
LCD Size	12.1"	15"	17"	19"
Resolution	800 x 600	1024 x 768	1280 x 1024	1280 x 1024
Brightness (cd/m ²)	400	350	300	300
Contrast	500:1	400:1	500:1	700:1
LCD color	262K	262K	16.2M	16.2M
Backlight MTBF (Hours)	50000	50000	50000	50000
Input Interface	Analog VGA (DB-15)			
Slot	5 slots	7 slots	7 slots	7 slots
Form Factor	Half Size SBC	Full / Half Size SBC		
Mounting	Panel Mount / 19" Rack Mount			
Front Frame	Aluminum			
IP Level	IP65			
OSD	Yes			
HDD Drive Bay	1 x 3.5" HDD	1 x 3.5" HDD	1 x 3.5" HDD	1 x 3.5" HDD
CD-ROM Drive Bay	1 x 5.25" CD-ROM	1 x 5.25" CD-ROM	1 x 5.25" CD-ROM	1 x 5.25" CD-ROM
FDD Bay	1 x 3.5 FDD	1 x 3.5 FDD	1 x 3.5 FDD	1 x 3.5 FDD
System Fan	8cm ball bearing 38 CFM fan			
Optional Touch Screen	5-wire resistive touch screen			
Vibration	5 ~ 17 Hz, 0.1" double amplitude displacement 17~640 Hz, 1.5G acceleration peak to peak			
Shock	10G acceleration peak to peak (11ms)			
Relative Humidity	5 ~ 95%, non-condensing			
Operating Temperature	0 ~ 50°C			
Color	Silver (PANTONE PMS-8001)			
Dimension (W x H x D) (mm)	340 x 260 x 218	410 x 309 x 236	452 x 356 x 236	483 x 399 x 240
Weight (NW / GW)	7.2 / 9.9 kg	11.1 / 14.7 kg	14 / 17.8 kg	16.8 / 20.5 kg
Recommend Backplane	IP-5SA / IP-5SA2 / HPE-5S1 / 5S2 / HPE-5S3	PCI-7S / IP-7S / BP-7S / PCIAGP-6S / PE-6S / 7S / 7S2	PCI-7S / PE-6S / IP-7S / PCIAGP-6S / HPE-7S1 / PE-7S / 7S2 / 10S	PCI-7S / PE-6S / IP-7S / BP-7S / PCIAGP-6S / HPE-7S1 / PE-7S / 7S2 / 10S
Power Supply	ACE-916A(AP)-RS (AT) / ACE-4518AP-RS / ACE-4520C-RS / ACE-815C(T)-RS	AT: ACE-925A(AP/AP-U/M)-RS / ACE-932A-RS / ACE-935AL-RS / ACE-940AP-RS ATX: ACE-4860AP-RS / ACE-828A(C/M/V)-RS / ACE-832A(AP/AP-S)-RS / ACE-840A-RS / ACE-841AP-S-RS / ACE-850AP-RS-24		

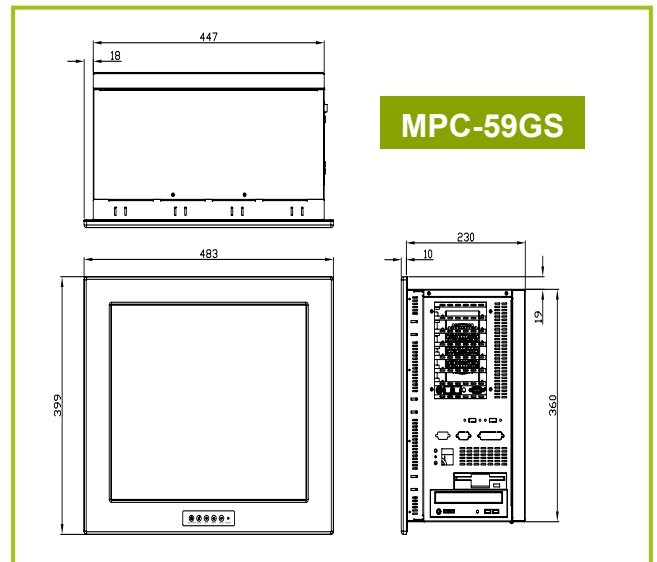
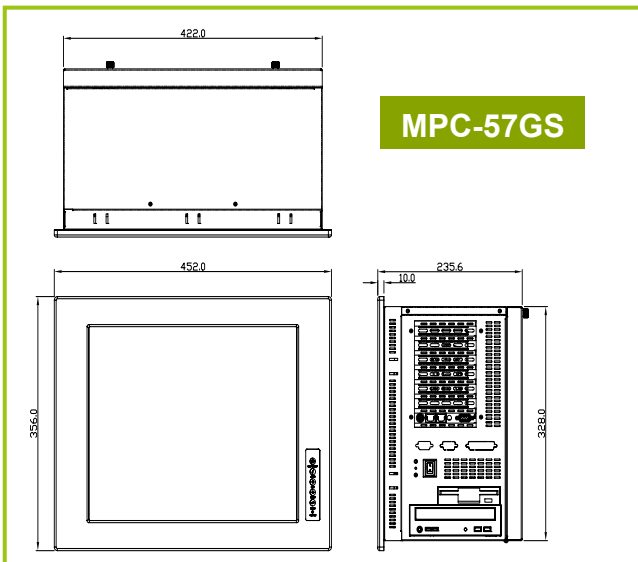
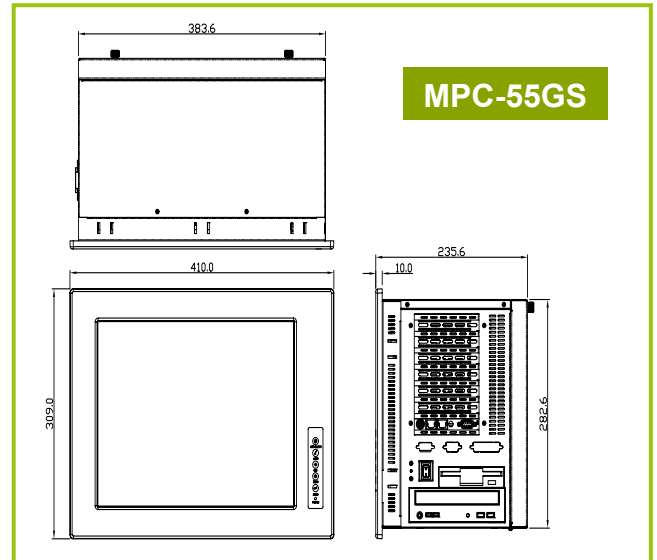
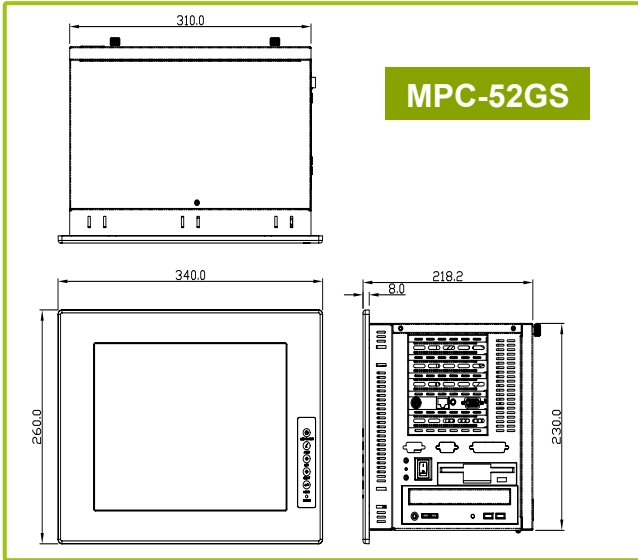
Ordering Information

Part NO	Description
MPC-52GS / 916AP / T-R	12.1" 400cd/m ² SVGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-916AP/12.1" Touch Screen
MPC-52GS / 4518AP / T-R	12.1" 400cd/m ² SVGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-4518AP/12.1" Touch Screen
MPC-55GS / 832AP / T-R	15" 350cd/m ² XGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-832AP/15" Touch Screen
MPC-57GS / 832AP / T-R	17" 300cd/m ² SXGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-832AP/17" Touch Screen
MPC-59GS / 832AP / T-R	19" 300cd/m ² SXGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-832AP/19" Touch Screen

Packing Information

Part Number	Description	Amount	Remark
32000-023200-RS	VGA Cable	1	
32000-000002-RS	Power Cable	1	Standard Packing, For Europe 32000-000004-RS For South Africa 32000-000022-RS For Australia 32000-000025-RS For America 32000-000026-RS For Switzerland
19600-000132-RS	Screw kits	1	
32000-025604-RS	RS-232 Cable / Touch Pen / Driver CD-ROM for Touch Screen		
PK-104M,PK-170M,PK-190M	Panel Mounting kits	1	
	User Manual	1	

Dimensions



Options

LCD size	12.1"	15"	17"	19"
PACK Mount Kit	RK-121MS-R10	RK-150MS-R10	RK-170MS-R10	RK-190MS-R10
Panel Mount kit	PK-170M	PK-170M	PK-170M	PK-190M



Power Cable



Panel Mount Kits



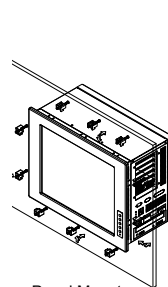
Touch Pen



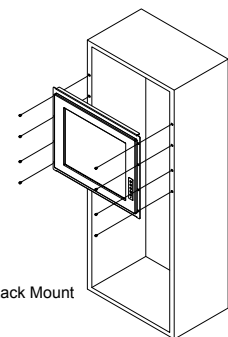
Screw Kits



VGA Cable



Panel Mount



Rack Mount



10.4~17" Rack mount Kit



19" Rack mount Kit

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