

# Quantum Automation Compares Three Manufacturers' Panel PCs

Part Number	Size	Power (Voltage)	Op Temp Deg C Fanless	Resolution Color TFT Touch IP66 Front	Bright (Nits)	CPU, RAM, SSD, OS	Ports	Agency	Approvals Special
<b>Advantech</b>									
TPC-1282T-256-W10	12.1"	24Vdc	(0 to 50)	1024 x 768 Multi	600	Intel Core i3, 4GB, 256GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB,Audio IO	UL 60950-1	E180881
TPC-1581WP-256-W10	15.6"	24Vdc	(0 to 55)	1366 x 768 Capac	300	Intel Core i3, 4GB, 256GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB,Audio IO	UL 60950-1	E180881
TPC-1881WP-256-W10	18.5"	24Vdc	(0 to 55)	1366 x 768 Capac	300	Intel Core i3, 4GB, 256GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB,Audio IO	UL 60950-1	E180881
TPC-1881WPH-256-W10	18.5"	24Vdc	(0 to 55)	1366 x 768 Capac	300	Intel Core i3, 4GB, 256GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB,Audio IO	UL 60950-1	C1D2 - E322252
<b>TPC-312-256-W10</b>									
TPC-312-256-W10	12.1"	24Vdc	(-10 to 55)	1024 x 768 Resis	300	Intel Core i7, 8GB, 256GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB,Audio IO	UL 62368-1	E180881
<b>TPC-315-256-W10</b>									
TPC-315-256-W10	15"	24Vdc	(-10 to 55)	1024 x 768 Resis	300	Intel Core i7, 8GB, 256GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB,Audio IO	UL 62368-1	E180881
<b>TPC-317-256-W10</b>									
TPC-317-256-W10	17"	24Vdc	(-10 to 55)	1024 x 768 Resis	300	Intel Core i7, 8GB, 256GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB,Audio IO	UL 62368-1	E180881
<b>TPC-324W-256-W10</b>									
TPC-324W-256-W10	23.8"	24Vdc	(-10 to 55)	1920 x 1080 Capac	300	Intel Core i7, 8GB, 256GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB,Audio IO	UL 62368-1	E180881
<b>Pro-face</b>									
<b>PS-5600W-i7-AC-16-240-W10</b>									
PS-5600W-i7-AC-16-240-W10	12.1"	100-240VAC	(0 to 55)	1280 x 800 Multi	400	Intel Core i7, 16GB, 240GB, Win10 Pro	(2)RJ45GB,(1)Serial,(4)USB,(2)PCIe	CSA/UL61010	C1D2, ATEX, DNV
<b>PS-5700W-i7-AC-16-240-W10</b>									
PS-5700W-i7-AC-16-240-W10	15.6"	100-240VAC	(0 to 55)	1366 x 768 Multi	400	Intel Core i7, 16GB, 240GB, Win10 Pro	(2)RJ45GB,(1)Serial,(4)USB,(2)PCIe	CSA/UL61010	C1D2, ATEX, DNV
<b>PS-5800W-i7-AC-16-240-W10</b>									
PS-5800W-i7-AC-16-240-W10	18.5"	100-240VAC	(0 to 55)	1366 x 768 Multi	300	Intel Core i7, 16GB, 240GB, Win10 Pro	(2)RJ45GB,(1)Serial,(4)USB,(2)PCIe	CSA/UL60950	
<b>PS-5900W-i7-AC-16-240-W10</b>									
PS-5900W-i7-AC-16-240-W10	21.5"	100-240VAC	(0 to 55)	1920 x 1080 Multi	300	Intel Core i7, 16GB, 240GB, Win10 Pro	(2)RJ45GB,(1)Serial,(4)USB,(2)PCIe	CSA/UL60950	
<b>PS 6600T-i7-AC-16-256-W10</b>									
PS 6600T-i7-AC-16-256-W10	12.1"	100-240VAC	(0 to 55)	1024 x 768 Resis	450	Intel Core i7, 16GB, 256GB, Win10 Ent	(2)RJ45GB,(1)Serial,(4)USB,(2)PCIe	CSA/UL61010	C1D2
<b>PS 6700T-i7-AC-16-256-W10</b>									
PS 6700T-i7-AC-16-256-W10	15"	100-240VAC	(0 to 55)	1024 x 768 Resis	400	Intel Core i7, 16GB, 256GB, Win10 Ent	(2)RJ45GB,(1)Serial,(4)USB,(2)PCIe	CSA/UL61010	C1D2
<b>PS 6700W-i7-AC-16-256-W10</b>									
PS 6700W-i7-AC-16-256-W10	15.6"	100-240VAC	(0 to 55)	1366 x 768 Capac	400	Intel Core i7, 16GB, 256GB, Win10 Ent	(2)RJ45GB,(1)Serial,(4)USB,(2)PCIe	CSA/UL61010	C1D2
<b>PS 6800W-i7-AC-16-256-W10</b>									
PS 6800W-i7-AC-16-256-W10	19"	100-240VAC	(0 to 55)	1920 x 1080 Capac	400	Intel Core i7, 16GB, 256GB, Win10 Ent	(2)RJ45GB,(1)Serial,(4)USB,(2)PCIe	CSA/UL61010	C1D2
<b>Moxa</b>									
<b>MPC-2070-E8-128-T-W10</b>									
MPC-2070-E8-128-T-W10	7"	12/24Vdc	(-40 to 70)	800 x 480	1000	Atom, 8GB, 128GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB	UL 60950-1	C1D2, ATEX, DNV
<b>MPC-2101-E8-128-T-W10</b>									
MPC-2101-E8-128-T-W10	10"	24/48Vdc	(-40 to 70)	1024 x 768	1000	Atom, 4GB, 128GB, Win10 Pro	(2)M12GB,(2)Serial,(1)M12 USB	UL 62368-1	EN 50155 (Rail)
<b>MPC-2120-E8-128-T-W10</b>									
MPC-2120-E8-128-T-W10	12"	12/24Vdc	(-40 to 70)	1024 x 768	1000	Atom, 4GB, 128GB, Win10 Pro	(2)RJ45GB,(2)Serial,(2)USB	UL 60950-1	C1D2, ATEX, DNV
<b>MPC-2121-E8-128-T-W10</b>									
MPC-2121-E8-128-T-W10	12"	24/48Vdc	(-40 to 70)	1024 x 768	1000	Atom, 4GB, 128GB, Win10 Pro	(2)M12GB,(2)Serial,(1)M12 USB	UL 62368-1	EN 50155 (Rail)
<b>EXPC-1519-C7-S1-W10</b>									
EXPC-1519-C7-S1-W10	19"	12/24Vdc/120VAC	(-40 to 70)	1280 x 1024	1000	Intel Core i7, 16GB, 128GB, Win10 Pro	(2)RJ45,(2)FiberST,(2)Serial,(4)USB	UL 60950-1	C1D2, ATEX, DNV
<b>MPC-2197Z-E8-128-W10</b>									
MPC-2197Z-E8-128-W10	19"	12/24Vdc/120VAC	(-15 to 55)	1280 x 1024	300	Intel Core i7, 4GB, 128GB, Win10 Pro	(2)RJ45GB,(2)Serial,(4)USB	UL 60950-1	ABS, CCS, DNV
<b>MPC-2247Z-E8-128-W10</b>									
MPC-2247Z-E8-128-W10	24"	12/24Vdc/120VAC	(-15 to 55)	1920 x 1080	300	Intel Core i7, 4GB, 128GB, Win10 Pro	(2)RJ45GB,(2)Serial,(4)USB	UL 60950-1	ABS, CCS, DNV