

Specifications	ARP-3810AP-E00	ARP-3810AP-E00-VHB	ARP-3810AP-E10
LCD Display			
Display Size (Diagnol)	10.4 inch	10.4 inch	10.4 inch
Resolution	800 x 600	800 x 600	1024 x 768
Backlight Lifetime (Hours)	50,000	50,000	50,000
Visual Characteristics			
Colors	16.2 millions	16.2 millions	16.2 millions
Aspect ratio	4:3	4:3	4:3
Viewing angle (V/H)	140° / 170°	130° / 140°	178° / 178°
Response time (Typical)	12 ms	10 ms	20 ms
Pixel Pitch (mm)	0.264 x 0.264	0.264 x 0.264	0.206 x 0.206
Contrast ratio	700 : 1	500 : 1	3000 : 1
Brightness	400 nits (max)	1000 nits (max)	470 nits (max)
Touch Screen			
Technology	Projected capacitive	Projected capacitive	Projected capacitive
Touch rating	50 Million Touches	50 Million Touches	50 Million Touches
Interface	USB	USB	USB
Front Bezel			
NEMA 4	Aluminum	Aluminum	Aluminum
NEMA 4x	Stainless Steel (Optional)	Stainless Steel (Optional)	Stainless Steel (Optional)
System			
CPU	Intel E3845 1.91GHz Quad Core ATOM CPU	Intel E3845 1.91GHz Quad Core ATOM CPU	Intel E3845 1.91GHz Quad Core ATOM CPU
Chipset	Bay Trail	Bay Trail	Bay Trail
Memory	Up to 8GB DDR3 SO-DIMM	Up to 8GB DDR3 SO-DIMM	Up to 8GB DDR3 SO-DIMM
Video Controller	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel Gen7 Intel Graphics DX 11, OGL3.2	Intel Gen7 Intel Graphics DX 11, OGL3.2
External Video Output	VGA	VGA	VGA
Storage Option	2.5" HDD, 2.5" SSD, CFast Card	2.5" HDD, 2.5" SSD, CFast Card	2.5" HDD, 2.5" SSD, CFast Card
Compact Flash	N/A	N/A	N/A
Keyboard / Mouse	USB / PS2 USB	USB / PS2 USB	USB / PS2 USB
Audio	N/A	N/A	N/A
Watchdog Timer	Programmable 1 - 255 sec	Programmable 1 - 255 sec	Programmable 1 - 255 sec
Remote Boot	ThinManager Ready, PXEXE	ThinManager Ready, PXEXE	ThinManager Ready, PXEXE
Expansion Slot	Mini PCIe x2	Mini PCIe x2	Mini PCIe x2
I/O Communication			
USB Port	1 x USB 3.0	1 x USB 3.0	1 x USB 3.0
Serial Port	1 x RS-232/422/485 BIOS Selectable	1 x RS-232/422/485 BIOS Selectable	1 x RS-232/422/485 BIOS Selectable
IEEE 1394	N/A	N/A	N/A
LAN	2 x Gigabit	2 x Gigabit	2 x Gigabit
Parallel	N/A	N/A	N/A
GPIO	N/A	N/A	N/A
Smart Battery			
External Smart Battery	N/A	N/A	N/A
OS Support			
OS Support	Windows 7 & up	Windows 7 & up	Windows 7 & up
Power / Thermal Specs			
Power Requirement (Max)	24VDC / 0.75A	24VDC / 0.75A	24VDC / 0.75A
Power Consumption (Max)	18 W	18 W	18 W
Recommended Power Supply	26 W	26 W	26 W
Heat Dissipation	62 BTU/hr	62 BTU/hr	62 BTU/hr
Physical Information			
Mounting	Panel Mount	Panel Mount	Panel Mount
Net Weight	12 lbs / 5.44 kg	12 lbs / 5.44 kg	12 lbs / 5.44 kg
Physical Dimension	11.40 x 8.70 x 2.50 inch 289.6 x 222.0 x 63.5 mm	11.40 x 8.70 x 2.50 inch 289.6 x 222.0 x 63.5 mm	11.40 x 8.70 x 2.50 inch 289.6 x 222.0 x 63.5 mm
Recommended Cutout Dimension (WxH)	10.80 x 8.10 inch 273.0 x 205.4 mm	10.80 x 8.10 inch 273.0 x 205.4 mm	10.80 x 8.10 inch 273.0 x 205.4 mm
Environmental			
Operating Temperature	0~50°C (32~122°F)	0~50°C (32~122°F)	0~50°C (32~122°F)
Storage Temperature	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)	-20~60°C (-4~140°F)
Relative Humidity	0~95%	0~95%	0~95%
IP/MENA Rating	Bezel meets NEMA 4/4X requirement	Bezel meets NEMA 4/4X requirement	Bezel meets NEMA 4/4X requirement
Certification	N/A	N/A	N/A

Ordering Information				
	ARP-3810AP-E00-011	ARP-3810AP-E00-031	ARP-3810AP-E00-015	ARP-3810AP-E00-035
LCD Display	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600
Touch Screen	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive
Bezel	Aluminum	Aluminum	Stainless Steel	Stainless Steel
CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU
Memory	8GB DDR3	8GB DDR3	8GB DDR3	8GB DDR3
Storage	2.5" SATA HDD	2.5" SATA SSD	2.5" SATA HDD	2.5" SATA SSD
ACP Enabled	N/A	N/A	N/A	N/A
Power Supply	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail
	ARP-3810AP-E00-003	ARP-3810AP-E00-P03	ARP-3810AP-E00-007	ARP-3810AP-E00-P07
LCD Display	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600
Touch Screen	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive
Bezel	Aluminum	Aluminum	Stainless Steel	Stainless Steel
CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU
Memory	4GB DDR3	4GB DDR3	4GB DDR3	4GB DDR3
Storage	N/A	N/A	N/A	N/A
ACP Enabled	ThinManager Ready	PXE	ThinManager Ready	PXE
Power Supply	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail
	ARP-3810AP-E00-VHB-011	ARP-3810AP-E00-VHB-031	ARP-3810AP-E00-VHB-015	ARP-3810AP-E00-VHB-035
LCD Display	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600
Touch Screen	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive
Bezel	Aluminum	Aluminum	Stainless Steel	Stainless Steel
CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU
Memory	8GB DDR3	8GB DDR3	8GB DDR3	8GB DDR3
Storage	2.5" SATA HDD	2.5" SATA SSD	2.5" SATA HDD	2.5" SATA SSD
ACP Enabled	N/A	N/A	N/A	N/A
Power Supply	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail
	ARP-3810AP-E00-VHB-003	ARP-3810AP-E00-VHB-P03	ARP-3810AP-E00-VHB-007	ARP-3810AP-E00-VHB-P07
LCD Display	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600	10.4" LCD / 800 x 600
Touch Screen	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive
Bezel	Aluminum	Aluminum	Stainless Steel	Stainless Steel
CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU
Memory	4GB DDR3	4GB DDR3	4GB DDR3	4GB DDR3
Storage	N/A	N/A	N/A	N/A
ACP Enabled	ThinManager Ready	PXE	ThinManager Ready	PXE
Power Supply	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail
	ARP-3810AP-E10-011	ARP-3810AP-E10-031	ARP-3810AP-E10-015	ARP-3810AP-E10-035
LCD Display	10.4" LCD / 1024 x 768	10.4" LCD / 1024 x 768	10.4" LCD / 1024 x 768	10.4" LCD / 1024 x 768
Touch Screen	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive
Bezel	Aluminum	Aluminum	Stainless Steel	Stainless Steel
CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU
Memory	8GB DDR3	8GB DDR3	8GB DDR3	8GB DDR3
Storage	2.5" SATA HDD	2.5" SATA SSD	2.5" SATA HDD	2.5" SATA SSD
ACP Enabled	N/A	N/A	N/A	N/A
Power Supply	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail
	ARP-3810AP-E10-003	ARP-3810AP-E10-P03	ARP-3810AP-E10-007	ARP-3810AP-E10-P07
LCD Display	10.4" LCD / 1024 x 768	10.4" LCD / 1024 x 768	10.4" LCD / 1024 x 768	10.4" LCD / 1024 x 768
Touch Screen	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive
Bezel	Aluminum	Aluminum	Stainless Steel	Stainless Steel
CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU	E3845 ATOM CPU
Memory	4GB DDR3	4GB DDR3	4GB DDR3	4GB DDR3
Storage	N/A	N/A	N/A	N/A
ACP Enabled	ThinManager Ready	PXE	ThinManager Ready	PXE
Power Supply	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail	110/220VAC Input DIN-Rail

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