

AR-HxxxFL-XS400

HMI with Intel Xscale PXA255 CPU, 8"/10.4"/12.1"/15" TFT LCD, 128MB DRAM, 1MB SRAM with Battery Backup, 32MB Flash, Touch Screen



Features



- ✓ Fanless Design
- ✓ Intel Xscale PX255 Risc Base CPU
- ✓ 2 x COM , USB1.1 Host and Client support
- ✓ 1MB SRAM with Battery Backup

SPECIFICATION

System

CPU	Intel Xscale PXA255 400MHz
Memory	Onboard 128MB DRAM 1MB SRAM with battery backup
OS	Windows CE 4.2/5.0

Display

Video Controller	SMI SM501 companion chip support Dual Display
Panel Size	8" SVGA, 10.4" SVGA, 12.1" SVGA, 15" XGA
Resolution/Luminance	800 x 600 x 400 cd/m ² (8") 800 x 600 x 250 cd/m ² (10.4") 800 x 600 x 300 cd/m ² (12.1") 1024 x 768 x 350 cd/m ² (15")
Backlight Lifetime	40,000 hrs (8"), 20,000 hrs (10.4"), 50,000 hrs (12.1", 15")
Touch Screen	4 Wire Resistive

Ethernet

LAN	1 x LAN (10/100Mbps)
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Storage

SSD	32MB Flash for OS 1 x Compact Flash socket for application software
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I/O

Serial Port	COM1 (RS-232/422/485), COM2 (RS-232)
USB Port	1 x USB1.1 Host, 1 x Client
Audio	1 x Speak out, 1 x MIC
Keyboard/Mouse	PS/2 keyboard and mouse connector

Mechanical & Environment

Construction	Plastic Front Bezel and Metal Chassis
Dimension (W x D x H)	231mm x 57mm x 176mm (8") 317mm x 50mm x 243mm (10.4") 317mm x 50mm x 243mm (12.1") 409mm x 56mm x 309mm (15")
Fan/Fanless	Fanless
Mounting Method	Panel mount VESA 75
Power Supply	10.8~28V DC (standard DC 12V/ 60W power adapter)
Operating Temp.	0~50°C (-4~122°F)
Storage Temp.	-20~60°C (-4~140°F)
Vibration	5 - 17Hz, 0.1" double amplitude displacement, 17-640Hz, 1.5G acceleration peak to peak
Shock	10 to 25Hz (X, Y, Z direction 2G, 30 minutes)
Rating	Front Panel compliant to NEMA-4/IP 65
EMC	CE FCC class A

Ordering Information

AR-H080FL-XS400	Intel Xscale PXA255 400MHz with 8" TFT LCD, 128MB DRAM, 1MB SRAM, 32MB Flash, Touch screen
AR-H100FL-XS400	Intel Xscale PXA255 400MHz with 10.4" TFT LCD, 128MB DRAM, 1MB SRAM, 32MB Flash, Touch screen
AR-H120FL-XS400	Intel Xscale PXA255 400MHz with 12.1" TFT LCD, 128MB DRAM, 1MB SRAM, 32MB Flash, Touch screen
AR-H150FL-XS400	Intel Xscale PXA255 400MHz with 15" TFT LCD, 128MB DRAM, 1MB SRAM, 32MB Flash, Touch screen