

# ENVOY 700P

## Server : KMC700P

### PROCESSORS

- 

### OPERATING SYSTEMS SUPPORTED

- 

### CHASSIS CONSTRUCTION

- 

### RAM/CACHE

- 
- 
- 

### HARD DRIVE

- 
- 
- 

### EMBEDDED PC-CARD SLOTS

- 

### I/O CONNECTORS

- 
- 
- 
- 
- 
- 
- 
- 
- 

### PHYSICAL CHARACTERISTICS

- 
- 
- 

## Remote PS/2 Keyboard & Mouse :

### FULL SIZE QWERTY KEYBOARD WITH 86 KEYS

- 
- 
- 
- 

### PHYSICAL CHARACTERISTICS

- 
- 
- 

### KEYBOARD OPTIONS

- 
- 



## Remote Display :

### 10.4" DISPLAY OPTION

- 
- 
- 
- 
- 

### 12.1" DISPLAY OPTION

- 
- 
- 

### OPTIONAL EXTERNAL DRIVES

- 

*\*Floppy and CD-ROM drives do not meet NEMA or IP environmental spec.*



## Temperature & Power Management Systems :

### TEMPERATURE MANAGEMENT SYSTEM

- 
- 

### POWER MANAGEMENT SYSTEM

- 

### UNINTERRUPTIBLE POWER SUPPLY

- 
- 

## Environmental Specifications :

### TEMPERATURE/HUMIDITY

- 
- 
- 

### OPTIONAL EXPANDED OPERATING TEMPERATURE FOR SERVER

- 

### SHOCK

- 
- 

### Vibration

- 

### EMI/EMC

- 

### SAFETY

- 

### ALTITUDE

- 
- 



Visit us at [www.kontronmobile.com](http://www.kontronmobile.com)

# ENVOY 106P

## Server : KMC106P

### PROCESSORS

- Intel 1.06GHz Mobile Pentium® III-M

### OPERATING SYSTEMS SUPPORTED

- Windows 2000 Pro and XP Pro

### CHASSIS CONSTRUCTION

- A solid, rugged unitized aluminum construction protects internal subsystems from shock and vibration.

### RAM/CACHE

- 128 MB DRAM, upgradeable to 640MB
- 8MB to 48MB Video DRAM – RAM dependent
- Standard 512K L2 Cache

### HARD DRIVE

- 40 GB removable – standard
- 60 GB removable – optional
- Heated Hard Drive Upgrade for Expanded Operating Temperature Spec.

### EMBEDDED PC-CARD SLOTS

- Two open PC-Card / CardBus slots that accommodate up to 1x Type III and 1x Type II devices at the same time.

### I/O CONNECTORS

- Power Input: Internal DC to DC Converter  
Power input range 10 - 30 VDC
- Video: Simultaneous digital LVDS output and RGB output
- Sound: Amplified (2W) stereo speaker out and mono MIC-in
- Mouse/Keyboard Interface: Electronically compliant IBM PS/2
- Serial Ports: Two open RS-232 ports, locking connectors
- Parallel Port: One open ECC/ECP port
- Floppy Drive Port
- USB Port: Two USB 1.1 Ports

### PHYSICAL CHARACTERISTICS

- Weight 10 lbs / 4.6 Kg
- Size (in) 5 (w) x 13 (d) x 4.25 (h)
- Size (cm) 12.7 (w) x 33 (d) x 10.8 (h)

## Remote PS/2 Keyboard & Mouse :

### FULL SIZE QWERTY KEYBOARD WITH 86 KEYS

- USA standard key set
- Sealed Mouse
- Sealed against weather, dust, and moisture
- Eight-level backlight control



### PHYSICAL CHARACTERISTICS

- Weight 2 lbs / 0.9 Kg
- Size (in) 12 (w) x 6 (d) x 2 (h)
- Size (cm) 29 (w) x 16 (d) x 5 (h)

### KEYBOARD OPTIONS

- PS/2 "Y" adapter (for connection to standard PS/2 compliant PCs)
- International key sets (Spanish, French, German and others)



## Remote Display :

### 10.4" DISPLAY OPTION

- 1200 NIT 800 x 600 SVGA with Resistive Matrix Touch Screen
- One-touch brightness control with on/off button
- Eight back-lit user-specifiable function keys.
- Weight 7lbs Size (in) 11.5(w) x 2.5 (d) x 9 (h)
- Weight 3.2Kg Size (cm) 29.2 (w) x 6.1 (d) x 22.9 (h)

### 12.1" DISPLAY OPTION

- 1400 Nit display brightness (Color TFT LCD)
- 800 x 600 SVGA with Resistive Matrix Touch Screen
- Weight 9lbs Size (in) 12 (w) x 3 (d) x 9.5 (h)
- Weight 4.2Kg Size (cm) 32 (w) x 7 (d) x 24 (h)



### OPTIONAL EXTERNAL DRIVES

- Remote Floppy/CD-ROM drive module\* (connector cables reaching up to 9ft)  
\*Floppy and CD-ROM drives do not meet NEMA or IP environmental spec.

## Temperature & Power Management Systems :

### TEMPERATURE MANAGEMENT SYSTEM

- Will not allow display to turn on at temperatures below -15° C (5° F).
- Will prevent system from power-up if temperature is above operating limit.

### POWER MANAGEMENT SYSTEM

- User-definable graceful shutdown modes and power up modes.

### UNINTERRUPTIBLE POWER SUPPLY

- 10 to 20 VDC external five-minute back-up supply (standard)
- 20 to 30 VDC external five-minute back-up supply (optional)

## Environmental Specifications :

### TEMPERATURE/HUMIDITY

- Operating Temperature: -15° to 60° C (5° to 140° F)
- Storage Temperature: -20° to 60° C (-4° to 140° F)
- Operating Humidity: 10 – 88 % relative humidity, non-condensing
- Storage Humidity: 5 – 95 % relative humidity, non-condensing

### OPTIONAL EXPANDED OPERATING TEMPERATURE FOR SERVER

- Operating Temperature: -31° to 60° C (-25° to 140° F)

### SHOCK

- Functional: Mil-Std 810F, Method 516.5, Procedure I (Operational) 40 Gs at 45 Hz – 200 Hz; 18 drops
- Crash Hazard: Mil-Std 810F, Method 516.5, Procedure V (Non-Operational) 75 Gs at 80 Hz – 2000 Hz; 12 drops

### Vibration

- Functional: Sinusoidal & Random Vibration: Mil-Std 810E (Operational) Method 514.2, Procedure X, Table 514.2-VII

### EMI/EMC

- FCC Class A, CE Class B

### SAFETY

- ETL, cETL

### ALTITUDE

- Operational: -300m to 3000m
- Storage: -400m to 15,000m

Specification subject to change without notice  
Pentium® is a registered trademark of Intel Corporation



Visit us at [www.kontronmobile.com](http://www.kontronmobile.com)

# ENVOY 120P

## Server : KMC120P

### PROCESSORS

- Intel 1.20GHz Mobile Pentium® III-M

### OPERATING SYSTEMS SUPPORTED

- Windows 2000 Pro and XP Pro

### CHASSIS CONSTRUCTION

- A solid, rugged unitized aluminum construction protects internal subsystems from shock and vibration.

### RAM/CACHE

- 128 MB DRAM, upgradeable to 640MB
- 8MB to 48MB Video DRAM – RAM dependent
- Standard 512K L2 Cache

### HARD DRIVE

- 40 GB removable – standard
- 60 GB removable – optional
- Heated Hard Drive Upgrade for Expanded Operating Temperature Spec.

### EMBEDDED PC-CARD SLOTS

- Two open PC-Card / CardBus slots that accommodate up to 1x Type III and 1x Type II devices at the same time.

### I/O CONNECTORS

- Power Input: Internal DC to DC Converter  
Power input range 10 - 30 VDC
- Video: Simultaneous digital LVDS output and RGB output
- Sound: Amplified (2W) stereo speaker out and mono MIC-in
- Mouse/Keyboard Interface: Electronically compliant IBM PS/2
- Serial Ports: Two open RS-232 ports, locking connectors
- Parallel Port: One open ECC/ECP port
- Floppy Drive Port
- USB Port: Two USB 1.1 Ports

### PHYSICAL CHARACTERISTICS

- Weight 10 lbs / 4.6 Kg
- Size (in) 5 (w) x 13 (d) x 4.25 (h)
- Size (cm) 12.7 (w) x 33 (d) x 10.8 (h)

## Remote PS/2 Keyboard & Mouse :

### FULL SIZE QWERTY KEYBOARD WITH 86 KEYS

- USA standard key set
- Sealed Mouse
- Sealed against weather, dust, and moisture
- Eight-level backlight control

### PHYSICAL CHARACTERISTICS

- Weight 2 lbs / 0.9 Kg
- Size (in) 12 (w) x 6 (d) x 2 (h)
- Size (cm) 29 (w) x 16 (d) x 5 (h)

### KEYBOARD OPTIONS

- PS/2 "Y" adapter (for connection to standard PS/2 compliant PCs)
- International key sets (Spanish, French, German and others)



## Remote Display :

### 10.4" DISPLAY OPTION

- 1200 NIT 800 x 600 SVGA with Resistive Matrix Touch Screen
- One-touch brightness control with on/off button
- Eight back-lit user-specifiable function keys.
- Weight 7lbs Size (in) 11.5(w) x 2.5 (d) x 9 (h)
- Weight 3.2Kg Size (cm) 29.2 (w) x 6.1 (d) x 22.9 (h)

### 12.1" DISPLAY OPTION

- 1400 Nit display brightness (Color TFT LCD)
- 800 x 600 SVGA with Resistive Matrix Touch Screen
- Weight 9lbs Size (in) 12 (w) x 3 (d) x 9.5 (h)
- Weight 4.2Kg Size (cm) 32 (w) x 7 (d) x 24 (h)

### OPTIONAL EXTERNAL DRIVES

- Remote Floppy/CD-ROM drive module\* (connector cables reaching up to 9ft)  
*\*Floppy and CD-ROM drives do not meet NEMA or IP environmental spec.*



## Temperature & Power Management Systems :

### TEMPERATURE MANAGEMENT SYSTEM

- Will not allow display to turn on at temperatures below -15° C (5° F).
- Will prevent system from power-up if temperature is above operating limit.

### POWER MANAGEMENT SYSTEM

- User-definable graceful shutdown modes and power up modes.

### UNINTERRUPTIBLE POWER SUPPLY

- 10 to 20 VDC external five-minute back-up supply (standard)
- 20 to 30 VDC external five-minute back-up supply (optional)

## Environmental Specifications :

### TEMPERATURE/HUMIDITY

- Operating Temperature: -15° to 60° C (5° to 140° F)
- Storage Temperature: -20° to 60° C (-4° to 140° F)
- Operating Humidity: 10 – 88 % relative humidity, non-condensing
- Storage Humidity: 5 – 95 % relative humidity, non-condensing

### OPTIONAL EXPANDED OPERATING TEMPERATURE FOR SERVER

- Operating Temperature: -31° to 60° C (-25° to 140° F)

### SHOCK

- Functional: Mil-Std 810F, Method 516.5, Procedure I (Operational) 40 Gs at 45 Hz – 200 Hz; 18 drops
- Crash Hazard: Mil-Std 810F, Method 516.5, Procedure V (Non-Operational) 75 Gs at 80 Hz – 2000 Hz; 12 drops

### Vibration

- Functional: Sinusoidal & Random Vibration: Mil-Std 810E (Operational) Method 514.2, Procedure X, Table 514.2-VII

### EMI/EMC

- FCC Class A, CE Class B

### SAFETY

- ETL, cETL

### ALTITUDE

- Operational: -300m to 3000m
- Storage: -400m to 15,000m

Specification subject to change without notice  
Pentium® is a registered trademark of Intel Corporation



Visit us at [www.kontronmobile.com](http://www.kontronmobile.com)

