

MILITARY CM CHASSIS



S SEALED

6U
0.8" PITCH

NATURAL AIR CONVECTION, LOW COST & WEIGHT,
SILENT NO EXTERNAL FANS, INTERNAL FORCED-AIR

3U
1" PITCH

CONTAMINANT FREE,
NATURAL AIR CONVECTION, LOW COST & WEIGHT, SILENT NO EXTERNAL FANS,
INTERNAL FORCED-AIR, SUPPORTS CONDUCTION & AIR-COOLED MODULES

SEF

SEALED WITH
EXTENDED FINS

SEF

6U
0.8" PITCH

INCREASED NATURAL FREE-AIR CONVECTION,
LOW COST & WEIGHT, DRY AIR CONTAMINANT
FREE APPLICATIONS, SILENT NO EXTERNAL FANS,
INTERNAL FORCED-AIR RECIRCULATION,
SUPPORTS CONDUCTION & AIR-COOLED BOARDS

SEF-HP

SEALED WITH EXTENDED
FINS + 18 HEAT PIPES

HES

SEALED WITH FOUR HEAT EXCHANGERS

HES-FBL-HP

HES + WITH OR
WITHOUT HEAT
PIPES

SIXHEX

SEALED WITH SIX HEAT
EXCHANGERS

SIXHEX-HP

SEALED WITH SIX
HEAT EXCHANGERS
+ 16 OR 20 HEAT PIPES

SEVENHEX-CHP

SEALED WITH SEVEN HEAT
EXCHANGERS + 32, 36 OR
46 CROSS HEAT PIPES

PENTAHEX-HP

SEALED FIVE HEAT
EXCHANGERS + HEAT PIPES

FAC

OPEN FLOWTHROUGH
AIR COOLED

OPEN, NON-SEALED APPLICATIONS, HIGH COOLING EFFICIENCY, SUPPORTS
CONDUCTION & AIR-COOLED MODULES, LOW COST & WEIGHT, LOW AIRFLOW
RESISTANCE

OPEN, NON-SEALED, SUPPORTS CONDUCTION &
AIR-COOLED MODULES, LOW COST & WEIGHT

0.8" PITCH
6U

1" PITCH
3U

5-SLOT ↑100W
7-SLOT ↑130W
12-SLOT ↑180W
PAYLOAD POWER DISSIPATION

5-SLOT ↑80W
PAYLOAD POWER DISSIPATION

5-SLOT ↑120W
7-SLOT ↑160W
12-SLOT ↑180W
PAYLOAD POWER DISSIPATION

5-SLOT ↑200W
7-SLOT ↑300W
12-SLOT ↑400W
PAYLOAD POWER DISSIPATION

5-SLOT ↑250W
PAYLOAD POWER DISSIPATION

3-SLOT ↑200W
5-SLOT ↑250W
7-SLOT ↑270W
9-SLOT ↑300W
PAYLOAD POWER DISSIPATION
HES-FBL

18
19
20
21

3-SLOT ↑320W
5-SLOT ↑400W
7-SLOT ↑450W
9-SLOT ↑500W
PAYLOAD POWER DISSIPATION
HES-FBL-HP

22
23
24
25

5-SLOT ↑450W
7-SLOT ↑500W
12-SLOT ↑600W
PAYLOAD POWER DISSIPATION

26
27
28

5-SLOT ↑500W
7-SLOT ↑600W
12-SLOT ↑700W
PAYLOAD POWER DISSIPATION

31
32
33

5-SLOT ↑750W
7-SLOT ↑1000W
12-SLOT ↑1200W
PAYLOAD POWER DISSIPATION

40
41
42

INCREASED NATURAL FREE-AIR CONVECTION + 18/20 HEAT PIPES, ALL BOARD
FORMATS, SILENT NO EXTERNAL FANS, INTERNAL FORCED-AIR RECIRCULATION,
CONTAMINANT FREE

0.8" PITCH
6U

INCREASED AIR CONVECTION + 18 HEAT PIPES,
SILENT NO EXTERNAL FANS, INTERNAL FORCED-AIR

1" PITCH
3U

VPX CONDUCTION-COOLED APPLICATIONS, FOUR
FORCED-AIR HEAT EXCHANGERS, LOW AIRFLOW
RESISTANCE, DRY-AIR CONTAMINANT FREE,
HIGH AIRFLOW REAR EXHAUST FANS, IMPROVED
INTERNAL FORCED-AIR RECIRCULATION

1" PITCH
6U

HES

VPX CONDUCTION-COOLED APPLICATIONS, SIX
FORCED-AIR HEAT EXCHANGERS, LOW AIRFLOW
RESISTANCE, DRY-AIR CONTAMINANT FREE, HIGH
AIRFLOW REAR EXHAUST FANS, EXTREME
INTERNAL FORCED-AIR RECIRCULATION

SIXHEX

1" PITCH
6U

VPX CONDUCTION-COOLED APPLICATIONS, SIX
FORCED-AIR HEAT EXCHANGERS + 20 HEAT
PIPES, EXTREME LOW AIRFLOW RESISTANCE,
EXHAUST AIRFLOW & INTERNAL FORCED-AIR
RECIRCULATION, DRY-AIR CONTAMINANT FREE

1" PITCH
6U

SIXHEX-20HP

VPX CONDUCTION-COOLED APPLICATIONS, FIVE
FORCED-AIR HEAT EXCHANGERS + HEAT PIPES,
VERY HIGH DISSIPATION CAPACITY, EXHAUST
AIRFLOW & INTERNAL FORCED-AIR
RECIRCULATION, DRY-AIR CONTAMINANT FREE

1" PITCH
3U

PENTAHEX-HP

3-SLOT ↑450W
5-SLOT ↑550W
7-SLOT ↑650W
9-SLOT ↑750W
PAYLOAD POWER DISSIPATION

43
44
45

5-SLOT ↑400W
7-SLOT ↑450W

46

COTS
VME, CPCI & VPX READY