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```
[PR #12216/9cc4b917 backport][3.13] Check multipart max_size during iteration
(#12229)

**This is a backport of PR #12216 as merged into master
(9cc4b91).**

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Co-authored-by: Sam Bull <git@sambull.org>
```

🔗 master (#12229) · 📁 v3.13.5 v3.13.4

1 parent [8a74257](#) commit cbb774f 📄

1 file changed +14 -6 lines changed

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1 file changed +14 -6 lines changed

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```

v aiohttp/web_request.py ...
@@ -769,17 +769,25 @@ async def post(self) -> "MultiDictProxy[Union[str,
bytes, FileField]]":
769 769         out.add(field.name, ff)
770 770         else:
771 771         # deal with ordinary data
772 -         value = await field.read(decode=True)
772 +         raw_data = bytearray()
773 +         while chunk := await field.read_chunk():
```

```
774 +         size += len(chunk)
775 +         if 0 < max_size < size:
776 +             raise HTTPRequestEntityTooLarge(
777 +                 max_size=max_size, actual_size=size
778 +             )
779 +         raw_data.extend(chunk)
780 +
781 +         value = bytearray()
782 +         # form-data doesn't support compression, so don't need
to check size again.
783 +         async for d in field.decode_iter(raw_data):
784 +             value.extend(d)
785 +
773 786         if field_ct is None or field_ct.startswith("text/"):
774 787             charset = field.get_charset(default="utf-8")
775 788             out.add(field.name, value.decode(charset))
776 789         else:
777 790             out.add(field.name, value)
778 -         size += len(value)
779 -         if 0 < max_size < size:
780 -             raise HTTPRequestEntityTooLarge(
781 -                 max_size=max_size, actual_size=size
782 -             )
783 791         else:
784 792             raise ValueError(
785 793                 "To decode nested multipart you need to use custom
reader",
```



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